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English



# ELECTRO MATERIAL

## Catalogue 2006/07

**BACH  
MANN**  
[www.bachmann.com](http://www.bachmann.com)



## BACHMANN - JOY OF PERFORMANCE

We share with our clients the joy of performance. At all levels and fields. – And this feels. The enthusiasm and the willingness to perform of each individual at BACHMANN transfers visions to solutions. Through engineering and production under one roof BACHMANN offers high end solutions and customer specific flexibility.

This creates value for you, starting from the first consultation all the way through to the ready solution. Several advantages are built into our products, such as modular built-up, adaptability, highest quality of materials and design. Energy saving, comfortable handling and timeless design. – You will realize it – joy of performance is the link between us.



**09.....Socket outlets**

- 10 – 16 ..... Home
- 17 ..... Professional
- 18 – 36 ..... Facility
- 37 – 41 ..... IT



**42.....Adapter**



**44.....PRCD-S / PRCD**



**45.....Energy Monitor**



**45.....Timer**



**46.....Travel adapter**



**48.....Cable reels**



**51.....Extensions**



**53.....CEE material**



**56.....Mobile lamps**



**58.....Illumination material**



**60.....Cord sets**



**66.....Spiral cords**



**70.....Mounting parts**



**78.....Accessories**

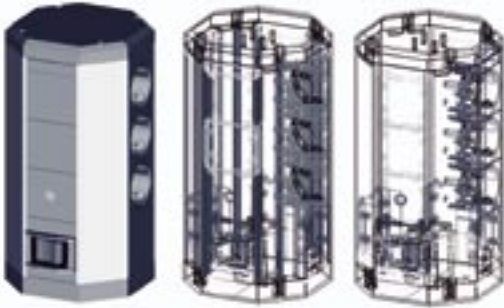


**79.....Interbär**



**96.....International plugs**





## JOY OF PERFORMANCE

### ■ Customized Engineering

An international engineers team strives permanently for the further development of the BACHMANN range of products as well as on customized solutions.

### ■ Innovation

BACHMANN products display a high degree of innovative features and special solutions. A large number of patents and innovation prizes features our "first class innovation power".

### ■ Design

BACHMANN attaches great value to timeless and top-quality design. We believe that the design of a product reflects its spirit.

### ■ Production

BACHMANN manufactures system-oriented. With different international production sites, we offer competence and security in the efficient realisation of your specific requirements.

### ■ Total Quality

Quality begins and ends where persons create it. Of course, the BACHMANN production sites are worldwide ISO 9001 approved. TOTAL QUALITY animates each BACHMANN employee. This is our daily quest.

### ■ Internationales Network

BACHMANN operates a international network of engineering, production and sales companies.

### ■ Product range

A comprehensive product range specific designed to fit our customer needs is available ex stock. We can as well deliver fast and flexible specific products.





#### ■ Training

To support your sales force, we offer you some specific training. Our partnership will make it possible to sell value-added products differing from the standards.

#### ■ Technical advice

We offer you as well a non binding consulting service on our products or on your specific requirements.

#### ■ Internet

Our webpage [www.bachmann.com](http://www.bachmann.com) concentrates information about EDI, Elda Norm 2000, ETIM. Product datasheets are as well as PDF file available.

#### ■ Logistics

48 hours delivery service, internet tracking, free house and just-in-time deliveries.

#### ■ Returns processing

In case of a return, please contact our sales department (see page 107). A return number will be assigned and we agree on a pick up or a return consignment.

#### ■ Packaging

Bachmann offers a modern and integrated packaging concept. This means adapted to your point of sales, perfect for a product presentation on hoes.

(1)



(2)



(3)



(4)



(5)



(6)



(7)



## ELECTRONICS COMPETENCE

### ■ **Bachmann Energy Management products (1)**

meet the spirit of the age and offer the opportunity to realize additional sales with innovative products. Energy saving, safety and convenience are the targets of our engineers team.

### ■ **International innovation awards! (2)**

Some of our products received international innovation mentions.

### ■ **Award for high efficiency electronics! (3)**

See [www.energielabel.de](http://www.energielabel.de)

### ■ **Pro-Control (4)**

Four outlets (or groups of outlets) can be switched, safely and conveniently from a switch panel. The switching status of the outlets is indicated by a LED light. All cables can be stowed away to avoid wiring chaos. The signal between the switch panel and the power strip is transferred by a standard telephone cable and therefore secure against disturbance (advantage compared to radio transmission). The switch is guided by a microprocessor and each outlet is 2-pole switched. The switch panel is a plastic foil keypad and disposes of a complete switch-off. Remark: the stand by power amounts only 1 Watt!

### ■ **Relay-Switch (5)**

Via an external switch the power strip can be switched in/out. The switch is connected to the power strip with a small cable. The switching status is indicated by a LED light. The power strip can be placed in a hidden corner, nevertheless a convenient and safe switching is possible. Different versions available see page 16.



#### ■ **Step-Switch (6)**

The different outlets of a power strip are switched on/off in a short time one after the other and not simultaneously. The switching rhythm can be selected between 0.05–1 sec. This makes sure that the start up power of i.e. screens does not launch the fuses in your power network. Special solutions on request.

#### ■ **Master & Slave (7)**

Power strip with one master outlet and a number of dependent slave outlets. The switch of the master appliance connected to the master outlet switches the appliances connected to the slave outlets. A high performance sensor detects the current status of the master outlet and switch the slaves outlets with a short time delay.

A switching level adjuster is included, starting at about 10 W, suitable as well for remote control. The switch status is indicated by LED light. Remark: the stand by power amounts only 1 Watt ! Different versions available see page 13.





(1)



(2)



(3)



(4)



(5)



## SAFETY FEATURES – ELECTRONIC ENGINEERING

Overvoltage protection. According to a study, about all 30 sec. an overvoltage peak of about 400 Volts is introduced on our standard power network, each minute of 700 Volts and all 5 minutes of even 1,000 Volts. The well known very high damage created by overvoltage is only the tip of the iceberg. The largest damage is not detected by the user, since a accelerated aging of sensitive electronic components takes place long before the equipment fails. The investment for a high quality overvoltage protection pays in many cases in a reasonable time. Unfortunately the market offers a wide range of products of minor values. BACHMANN offers a wide range of high end overvoltage protection. **Following some examples:**

### ■ Power-Overvoltage-Protection (1)

Approved according to DIN VDE 0620-1: 2002-01, EN 616 43-1: 2001, class D. Double protection system – gas filled consumption elements for high energy impulses (i.e. 6.5 kA at 8/20 mS, upon request even higher) as well as varistors with temperature fuses to eliminate fast and low energy voltage peaks (reaction time < 25 nS, transient protection). Optical function control, on request with additional fuse and acoustic failure signal.

### ■ Line and frequency filter (2)

Approved according to VDE 0565 part 3-1, EN 13200: 2000-05. By using a extremely big and effective coil, there is no need to limit the current. Excellent filtering is still obtainable on more than 30 MHz. For more information, please ask for our datasheet.

### ■ ISDN-Protection (data cables) (3)

Excellent 2 step protection concept – all 8 data channels are protected. Low voltage peaks (>10 V) are eliminated by very fast diodes. High energy impulses are cut off by 2 gas filled charge

eliminator elements. Voltage differences between the data channels are limited by a separate varistor to 70 Volts. The BACHMANN ISDN protection additionally distributes the access points – one entry line has 3 exit outlets for 3 different appliances.

### ■ TV-Radio-Protection (4)

Double protection eliminates fast low energy and high energy peaks. Separate entry and exit outlets for radio and TV signals.

### ■ Phone and Fax-Protection (5)

Effective protection for analogue fax and telephone lines.

### Our specialities:

- Energy Management
- Energy Savings
- Safety



HOME

S. 10 - 16

S. 18 - 36

- SMART
- SOCKET OUTLET
- CONNECTUS
- PRIMO



- DESK
- CONI
- CONFERENCE
- WING
- PROCONTROL
- DUO
- COMPACT
- STEP
- TWIN
- CABLE SNAKE
- POWER TOWER



PROFI

S. 17

S. 37 - 41

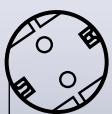
- CRAFTSMAN SOCKET OUTLET



- 19" 1 U
- 19" > 1 U



A WIDE RANGE OF INTERNATIONAL POWER OUTLETS



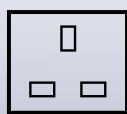
German type outlet  
230 V  
10/16 A



French outlet  
230 V  
10/16 A



Swiss outlet  
230 V  
10 A



UK outlet  
230 V  
13 A



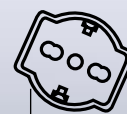
US outlet  
110 V  
15 A



IEC 320  
230 V  
10 A



Danish outlet  
230 V  
10 A



Italian outlet  
230 V  
10/16 A



In preparation



Australian outlet  
240 V  
10 A



In preparation

Specific solutions on enquiry – according to EU, US and international standards.



Screwed and rewirable



With overvoltage protection



2 pole illuminated rocker switch

Cable with moulded right angle German type plug and double earthing system



Integrated child protection for 4way and 6way outlets

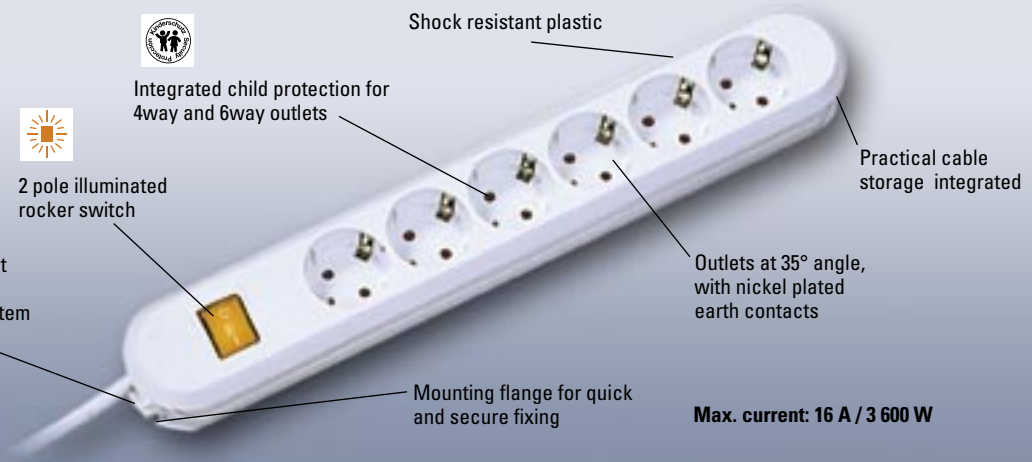
Shock resistant plastic

Practical cable storage integrated

Outlets at 35° angle, with nickel plated earth contacts

Mounting flange for quick and secure fixing

Max. current: 16 A / 3 600 W



## SMART



**HINT:**  
Screwable fixations for the outlets are displayed on page 11.

Cable	Color	Cable version	Art. No. individually packed	Packing	Price/€*
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### 3way outlet Dimensions: (L x W x H) 188 x 56 x 41 mm

Without switch, one-way screws, non rewirable

1,4 m	black	H05VV-F 3G1,00 mm <sup>2</sup>	384.170	20	2,96
1,4 m	white	H05VV-F 3G1,00 mm <sup>2</sup>	384.270	20	2,96
1,4 m	brown	H05VV-F 3G1,00 mm <sup>2</sup>	384.470	20	2,96
1,5 m	black	H05VV-F 3G1,50 mm <sup>2</sup>	387.170	20	3,54
1,5 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	387.270	20	3,54
3,0 m	black	H05VV-F 3G1,50 mm <sup>2</sup>	387.171	20	4,52
3,0 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	387.271	20	4,52
5,0 m	black	H05VV-F 3G1,50 mm <sup>2</sup>	387.172	10	7,20
5,0 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	387.272	10	7,20

Without switch, screws, rewirable

1,5 m	white	H05VV-F 3G1,00 mm <sup>2</sup>	386.270	20	3,26
1,5 m	black	H05VV-F 3G1,50 mm <sup>2</sup>	388.170	20	3,82
1,5 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	388.270	20	3,82
3,0 m	black	H05VV-F 3G1,50 mm <sup>2</sup>	388.171	15	4,94
3,0 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	388.271	15	4,94
3,0 m	brown	H05VV-F 3G1,50 mm <sup>2</sup>	388.471	15	4,94
5,0 m	black	H05VV-F 3G1,50 mm <sup>2</sup>	388.172	10	7,20
5,0 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	388.272	10	7,20
5,0 m	brown	H05VV-F 3G1,50 mm <sup>2</sup>	388.472	10	7,20
	black	without cable	385.170	20	2,40
	white	without cable	385.270	20	2,40
	brown	without cable	385.470	20	2,40

### 4way outlet Dimensions: (L x W x H) 288 x 56 x 41 mm

Without switch, one-way screws, non rewirable, with child protection

1,5 m	black	H05VV-F 3G1,00 mm <sup>2</sup>	381.110K	20	4,56
1,5 m	white	H05VV-F 3G1,00 mm <sup>2</sup>	381.210K	20	4,56

Without switch, screws, rewirable, with child protection

1,5 m	black	H05VV-F 3G1,50 mm <sup>2</sup>	381.121K	20	5,40
1,5 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	381.221K	20	5,40
1,5 m	brown	H05VV-F 3G1,50 mm <sup>2</sup>	381.421K	20	5,40
	black	without cable	381.123K	20	3,40
	white	without cable	381.223K	20	3,40

With switch, screws, rewirable, with child protection

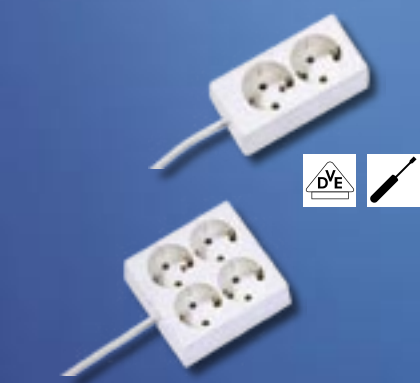
1,5 m	black	H05VV-F 3G1,50 mm <sup>2</sup>	381.130K	20	5,72
1,5 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	381.230K	20	5,72
1,5 m	brown	H05VV-F 3G1,50 mm <sup>2</sup>	381.430K	20	5,72
	black	without cable	381.132K	20	4,40
	white	without cable	381.232K	20	4,40



Cable	Color	Cable version	Art. No. individually packed	Packing	Price/€*
<b>6way outlet, overvoltage protection</b>			<b>Dimensions: (L x W x H) 370 x 56 x 41 mm</b>		
With switch, screws, rewirable, with child protection, overvoltage protection consisting of: 3 varistors, 5 kA, 16 A, 3,600 W, temperature fuse, optical malfunction indicator light					
1,5 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	381.2501K	20	10,90
<b>6way outlet Dimensions: (L x W x H) 370 x 56 x 41 mm</b>					
Without switch, one-way screws, non rewirable, with child protection					
1,5 m	black	H05VV-F 3G1,00 mm <sup>2</sup>	381.140K	20	6,28
1,5 m	white	H05VV-F 3G1,00 mm <sup>2</sup>	381.240K	20	6,28
With switch, one-way screws, non rewirable, with child protection					
1,5 m	black	H05VV-F 3G1,00 mm <sup>2</sup>	381.143K	20	6,62
1,5 m	white	H05VV-F 3G1,00 mm <sup>2</sup>	381.243K	20	6,62
Without switch, screws, rewirable, with child protection					
1,5 m	black	H05VV-F 3G1,50 mm <sup>2</sup>	381.147K	20	6,34
1,5 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	381.247K	20	6,34
1,5 m	brown	H05VV-F 3G1,50 mm <sup>2</sup>	381.447K	20	6,34
3,0 m	black	H05VV-F 3G1,50 mm <sup>2</sup>	381.148K	20	8,26
3,0 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	381.248K	20	8,26
3,0 m	brown	H05VV-F 3G1,50 mm <sup>2</sup>	381.448K	20	8,26
5,0 m	black	H05VV-F 3G1,50 mm <sup>2</sup>	381.149K	20	10,22
5,0 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	381.249K	20	10,22
5,0 m	brown	H05VV-F 3G1,50 mm <sup>2</sup>	381.449K	20	10,22
		black	without cable	20	4,32
		white	without cable	20	4,32
		brown	without cable	20	4,32
with switch, screws, rewirable, with child protection					
1,5 m	black	H05VV-F 3G1,50 mm <sup>2</sup>	381.150K	20	6,98
1,5 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	381.250K	20	6,98
1,5 m	brown	H05VV-F 3G1,50 mm <sup>2</sup>	381.450K	20	6,98
3,0 m	black	H05VV-F 3G1,50 mm <sup>2</sup>	381.151K	20	8,46
3,0 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	381.251K	20	8,46
5,0 m	black	H05VV-F 3G1,50 mm <sup>2</sup>	381.152K	20	10,42
5,0 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	381.252K	20	10,42
		black	without cable	20	5,60
		white	without cable	20	5,60
		brown	without cable	20	5,60
<b>Screwable fixation for SMART outlets</b>			<b>Plastic</b>		
Table mounting with screwable fixation. Usable with all rewirable smart outlets. Plastic version, along side and 90° mountable.					
	black		919.173	1	5,41
	white		919.273	1	5,41

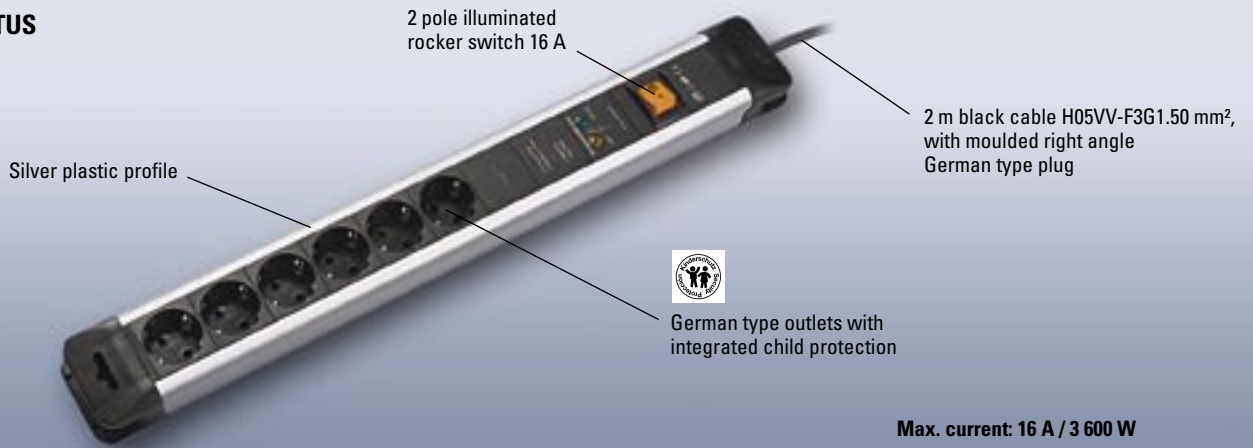


\* Non binding price suggestion, without VAT, per piece



Cable	Color	Cable version	Art. No. individually packed	Packing	Price/€*
<b>3way outlet</b>					
With right angle plug, 45° turned and child protection					
1,4 m	white	H05VV-F 3G1,00 mm <sup>2</sup>	384.270S	20	1,90
1,4 m	black	H05VV-F 3G1,00 mm <sup>2</sup>	384.170S	20	1,90
1,4 m	brown	H05VV-F 3G1,00 mm <sup>2</sup>	384.470S	20	1,90
<b>3way outlet</b>					
With right angle plug and child protection					
1,5 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	387.270S	20	2,50
3 m	white	H05VV-F 3G1,50 mm <sup>2</sup>	387.271S	15	3,44
<b>3way outlet</b>					
With right angle plug, switch, 45° turned and child protection					
1,4 m	white	H05VV-F 3G1,00 mm <sup>2</sup>	384.271S	20	2,63
<b>6way outlet</b>					
With right angle plug, 45° turned and child protection					
1,4 m	white	H05VV-F 3G1,00 mm <sup>2</sup>	381.240S	20	3,04
1,4 m	black	H05VV-F 3G1,00 mm <sup>2</sup>	381.140S	20	3,04
<b>6way outlet</b>					
With right angle plug, switch, 45° turned and child protection					
1,4 m	white	H05VV-F 3G1,00 mm <sup>2</sup>	381.243S	20	3,36
1,4 m	black	H05VV-F 3G1,00 mm <sup>2</sup>	381.143S	20	3,36
<b>Socket outlet, 10/16 A / 250 V~, DIN VDE 0620</b>					
Plastic version, screwed and rewirable 2way, cable H05VV-F 3G1.00 mm <sup>2</sup> , with right angle plug					
1,5 m	white		380.270	25	4,10
Plastic version, screwed and rewirable 4way, cable H05VV-F 3G1.00 mm <sup>2</sup> , with right angle plug					
1,4 m	white		380.271	25	7,10

**CONNECTUS**



Outlets	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>Socket outlet, 16 A / 3 600 W</b>					
Black German type outlets, silver plastic profile, black end plates, with child protection, with 2 pole illuminated rocker switch					
4way	with switch	355 x 70 x 45	330.100	1	11,76
6way	with switch	440 x 70 x 45	330.101	1	13,86
9way	with switch	570 x 70 x 45	330.102	1	17,22
12way	with switch	700 x 70 x 45	330.103	1	21,00
<b>Overvoltage protection, 16 A / 3 600 W</b>					
With overvoltage protection 6,5 kA, optical function and malfunction indication					
6way	with switch and overvoltage protection	485 x 70 x 45	330.104	1	24,15
<b>Overvoltage protection with filter, 16 A / 3 600 W</b>					
With overvoltage protection 6,5 kA, line and frequency filter, optical function and malfunction indication					
6way	with switch and overvoltage protection with filter	565 x 70 x 45	330.105	1	35,07
<b>Master &amp; Slave-Electronic, 16 A / 3 600 W</b>					
Master & Slave switch with stand by adjustment. 4 slave outlets are activated by switching on the appliance connected to the master outlet.					
1- and 4way	Master & Slave	475 x 70 x 45	330.106	1	31,40
<b>Master &amp; Slave-Electronic, overvoltage protection with filter, 16 A / 3 600 W</b>					
Master & Slave switch with stand by adjustment. 4 slave outlets are activated by switching on the appliance connected to the master outlet. With overvoltage protection 6.5 kA, line and frequency filter, optical function and malfunction indication.					
1- and 4way	Master & Slave and overvoltage protection with filter	605 x 70 x 45	330.107	1	51,45
<b>Socket outlet with 10 A-fuse</b>					
2 m H05VV-FG 1,00 mm² black cable with cold connector plug					
3way	red German type outlets	290 x 70 x 45	330.300	1	27,09

**CONNECTUS**



**Overvoltage protection with filter:** Overvoltage protection approved according to DIN VDE 0620-1: 2002-01, EN 61643-1: 2001, class D, gas filled consumption elements for high energy impulse 6,5 kA at 8/20 mS, reaction time < 25 nS, suitable for 16 A, with 3 varistors and 2 thermal fuses, optical function control. Line and frequency filter, approved according to VDE 0565 part 3-1, EN 13200: 2000-05 for tension impulse until 30 MHz – Technical information on request.

\* Non binding price suggestion, without VAT, per piece

## Aluminium socket outlet – professional quality at competitive prices



rewireable



German type outlets 35° nickel plated earth, integrated child protection

Hanging hole

Extremely rigid profile high quality anodised aluminium

2 pole illuminated rocker switch 16 A

1.75 m cable H05VV-F 3G1.5 mm<sup>2</sup> with moulded right angle German type plug with double earthing system


High quality electronics like i.e. overvoltage protection, line and frequency filter, Master & Slave, ISDN protection, etc.

Cable storage via end caps with fixing flanges

## PRIMO



Outlets	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price /€*
<b>Socket outlet, 16 A / 3 600 W</b>					<b>Alu</b>
3way	without switch	301 x 70 x 45	331.000	1	17,00
6way	without switch	428 x 70 x 45	331.010	1	20,80
9way	without switch	556 x 70 x 45	331.011	1	35,50
12way	without switch	658 x 70 x 45	331.012	1	41,00
3way	1 switch	301 x 70 x 45	330.070	1	19,00
6way	1 switch	428 x 70 x 45	330.071	1	22,80
9way	1 switch	556 x 70 x 45	330.072	1	37,50
12way	1 switch	658 x 70 x 45	330.073	1	43,00
<b>Group switch, 16 A / 3 600 W</b>					<b>Alu</b>
2 x 3way	1 switch per group	500 x 70 x 45	331.029 ⚠	1	46,00
<b>Socket outlet, 16 A / 3 600 W</b>					<b>Alu</b>
Switch is located at opposite side of cable. Ideal for mounting under a table or within furniture!					
6way	1 switch	445 x 70 x 45	331.031 ⚠	1	37,00
<b>Socket outlet, 16 A / 3 600 W</b>					<b>Alu</b>
85 mm distance between outlets, ideal for plugtransformers!					
5way	without switch	530 x 70 x 45	331.032 ⚠	1	42,00
5way	1 switch	573 x 70 x 45	331.033 ⚠	1	46,00


Outlets	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>Overvoltage protection, 16 A / 3 600 W</b>					<b>Alu</b>
With overvoltage protection, transient protection 6,5 kA					
6way	without switch	472 x 70 x 45	331.014	1	42,00
6way	1 switch	472 x 70 x 45	331.013	1	44,00
<b>Overvoltage protection with filter, 16 A / 3 600 W</b>					<b>Alu</b>
With overvoltage protection, line and frequency filter					
6way	without switch	573 x 70 x 45	331.006	1	72,45
9way	without switch	702 x 70 x 45	331.007	1	90,30
6way	1 switch	573 x 70 x 45	331.071	1	74,55
9way	1 switch	702 x 70 x 45	331.072	1	92,40
With overvoltage protection, line and frequency filter. 2 outlets with permanent power, 4 outlets switchable					
2- and 4way	1 switch	626 x 70 x 45	331.024	1	85,05
<b>ISDN-protection, 16 A / 3 600 W</b>					<b>Alu</b>
With overvoltage protection, line and frequency filter, ISDN protection for 1 incoming outlet and 3 outgoing outlets					
6way	1 switch	669 x 70 x 45	331.074	1	107,10
<b>Antenna protection, 16 A / 3 600 W</b>					<b>Alu</b>
With overvoltage protection, line and frequency filter, antenna protection 2 incoming outlets (TV & Radio) and 2 outgoing outlets					
6way	1 switch	665 x 70 x 45	331.034 	1	118,00
<b>Master &amp; Slave, 16 A / 3 600 W</b>					<b>Alu</b>
6 + 1 outlets, switchable, Master & Slave with stand by adjustment					
1- and 6way	Master & Slave	573 x 70 x 45	332.071	1	88,00
With overvoltage protection, line and frequency filter					
1- and 6way	Master & Slave + GVS	710 x 70 x 45	333.071	1	117,00

**Overvoltage protection with filter:**

Overvoltage protection approved according to DIN VDE 0620-1: 2002-01, EN 61643-1: 2001, class D, gas filled consumption elements for high energy impulse 6,5 kA at 8/20 mS, reaction time < 25 nS, suitable for 16 A, with 3 varistors and 2 thermal fuses, optical function control. Line and frequency filter, approved according to VDE 0565 part 3-1, EN 13200: 2000-05 for tension impulse until 30 MHz – Technical information on request.



\* Non binding price suggestion, without VAT, per piece

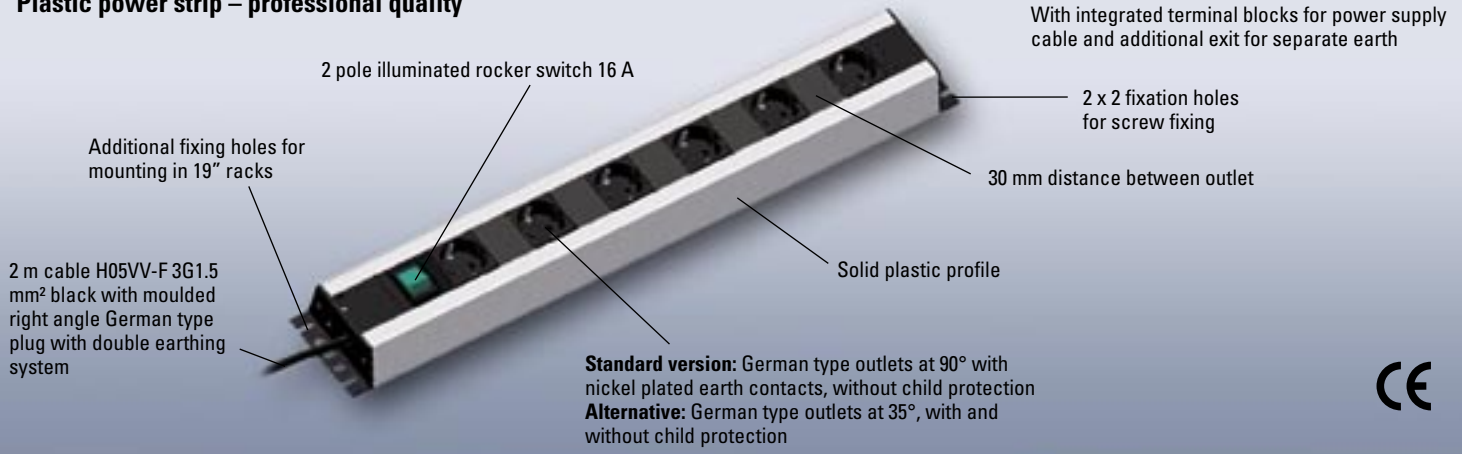
 Info product, this product is not ex stock, delivery time on request.



Outlets	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>Computer outlet red, 16 A / 3 600 W</b>					Alu
Red outlets for computer power circuit					
6way	without switch	405 x 70 x 45	331.040 ⚠	1	33,60
With overvoltage protection, line and frequency filter plus full protection					
6way	1 switch, GVS	573 x 70 x 45	331.042 ⚠	1	79,80
<b>Relay distant switch, 16 A / 3 600 W</b>					
2 relay, 16 A, 2 pole switching. 2.5 m cable with switch, 16A/3,600 W					
6way		573 x 70 x 45	337.071 ⚠	1	78,00
With overvoltage protection, line and frequency filter and full protection					
6way		709 x 70 x 45	338.071 ⚠	1	110,00
<b>Person protection, 16 A / 3 600 W</b>					
Person protection switch, leakage person protection, < 30 mA leakage, reaction time < 30 mS, 2 pole					
6way	person protection switch	490 x 70 x 45	331.035	1	147,00
<b>Line protection, 16 A / 3 600 W</b>					
With line protection switch, 400 V, 6 kA, 2 pole, B					
6way	line protection switch	490 x 70 x 45	331.036 ⚠	1	92,40
<b>Fuse, 10 A / 2 300 W</b>					
With 10 A fuse (G) for each outlet individually					
6way	without switch	658 x 70 x 45	331.037 ⚠	1	74,60
<b>Overvoltage protection with filter &amp; telephone overvoltage protection</b>				Alu	
With overvoltage protection, line and frequency filter, telephone overvoltage protection, 1 TAE cord 2 m and 1 TAE-F and 1 TAE-N out (german telephone standard)					
6way	1 switch	787 x 70 x 45	331.047 ⚠	1	136,00



**Plastic power strip – professional quality**



**Standard version:** German type outlets at 90° with nickel plated earth contacts, without child protection  
**Alternative:** German type outlets at 35°, with and without child protection

Outlets	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>Plastic</b>					
6way	without switch 90°	562 x 94,2 x 45	300.000	10	18,69
9way	without switch 90°	794 x 94,2 x 45	300.001	10	26,25
12way	without switch 90°	1027 x 94,2 x 45	300.002	10	34,65
6way	with switch 90°	604 x 94,2 x 45	300.003	10	20,79
9way	with switch 90°	837 x 94,2 x 45	300.004	10	28,35
12way	with switch 90°	1069 x 94,2 x 45	300.005	10	36,75

**CRAFTSMAN  
POWER STRIP**



Suitable for horizontal or vertical mounting in 19” rack.  
 Fixing distance 465 mm, outlets 35°

8way	without switch 35°	446,6 x 94,2 x 45	300.006	1	25,20
7way	with switch 35°	446,6 x 94,2 x 45	300.007	1	25,80

\* Non binding price suggestion, without VAT, per piece



## PROFESSIONAL | facility



### PROFESSIONAL FACILITY – AS FLEXIBLE AS YOU NEED

Your standards are legitimately high. The data- and energy management for office and conference must be perfect in functionality, design and quality. Sating this, we answered your first question – why BACHMANN? – because we, as systems supplier and problem solver, live your demands.

Our innovation program PROFESSIONAL FACILITY offers a wide range of absolutely high value and high performing products for office and conference use, fully adapted to customer needs.

In short: As flexible as you need.



## MODULES FOR DATA-/MEDIA CONNECTIONS



**CINCH-STEREO**



**CINCH-STEREO + VIDEO**



**CINCH-STEREO + S-VIDEO**



**CINCH-STEREO + BNC**



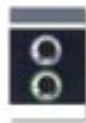
**VGA D-Sub 15-pole + Stereo 3,5 mm**



**XLR 3-pole**



**MINI XLR 3-pole**



**Mouse + Keyboard**



**USB-B**



**USB-A**



**Different data connections (CAT5e / CAT6) convenient for BACHMANN Facility products:**  
 e.g. Ackermann, ADC-Krone, AMP, Avaya, Brand-Rex, BTR, Corning, Daetwyler, Ecolan, Kerpen, Nexans, Quante 3M, Reichle de Massari, Telegärtner ...

Make profit of our Know-how and of BACHMANN PROFESSIONAL FACILITY for office and conference situations:

- Solutions for modern power and data-/media management
- Extensive range of international power outlets and data-/media interfaces
- Large range of product lines catering to your every needs





Variable power supply with GST18 connector for different cable lengths

Adjustable holding clips for tables up to 50 mm thick. Optional holding clips up to 80 mm are also available.

Backside connection for data and media modules. The data and media modules are also with firm cable available.

## DESK – Online in style

Body made of high quality anodized aluminium



International outlet types are available for e.g. : German type, French type, Swiss type, English type, USA, IEC ....

Different modules for Data connection are integrable. E.g.: CAT5e, CAT6, ISDN, VGA, USB ...

## DESK



**NEW**

Outlets	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>1 x CAT5e, 1 x ISDN, 16 A / 3 600 W</b>					<b>Alu</b>
3way	3 German type outlets black ; 1 CAT5e RJ45 outlet/outlet; 1 RJ12 ISDN outlet/outlet; Power Input: GST18 - outlet; without cable (separately available); with holding clips and screws; packed in individual box	280 x 70 x 90	339.1003	1	71,00
<b>2 x CAT5e, 16 A / 3 600 W</b>					<b>Alu</b>
3way	3 German type outlets black ; 2 CAT5e RJ45 outlet/outlet; Power Input: GST18 - outlet; without cable (separately available); with holding clips and screws; packed in individual box	280 x 70 x 90	339.1004	1	73,00
3way	with 3 m power cable H05VV-F 3G1,50 mm <sup>2</sup>	280 x 70 x 90	339.1034	1	79,00
<b>2 x CAT5e, 1 x VGA + Stereo, 16 A / 3 600 W</b>					<b>Alu</b>
3way	3 German type outlets black ; 2 CAT5e RJ45 outlet/outlet; 1 VGA D-Sub 15-pole outlet/outlet; 1 Stereo 3,5 mm outlet/cable with Cinch-plug; Power Input: GST18-outlet; without cable (separately available); with holding clips and screws; packed in individual box	325 x 70 x 90	339.1005	1	114,00
<b>2 x CAT5e, 1 x USB-A, 16 A / 3 600 W</b>					<b>Alu</b>
3way	3 German type outlets black ; 2 CAT5e RJ45 outlet/outlet; 1 USB A outlet/outlet; Power Input: GST18-outlet; without cable (separately available); with holding clips and screws; packed in individual box	325 x 70 x 90	339.1006	1	103,00

**Power cables and extensions available on page 33.**

Outlets	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>2 x CAT6 frames, 1 x VGA + stereo, 16 A / 3 600 W</b>					<b>Alu</b>
3way	3 German type outlets black ; 2 frames for CAT6 RJ45 without outlet (for Keystone CAT6 outlets, separately available); 1 VGA D-Sub 15-pole outlet/outlet 1 Stereo 3,5 mm outlet/cable with Cinch-plug; Power Input: GST18 - outlet; without cable (separately available); with holding clips and screws; packed in individual box	368 x 70 x 90	339.1007	1	101,00
<b>16 A / 3 600 W</b>					<b>Alu</b>
3way	3 German type outlets black Power Input: GST18-outlet; without cable (separately with holding clips and screws; packed in individual box	225 x 70 x 90	339.1002	1	43,00
<b>Firm power connection, 16 A / 3 600 W</b>					<b>Alu</b>
4way	4 German type outlets black 3,0m H05VV-F 3G1,50 mm <sup>2</sup> with firm connection and plug; with holding clips and screws; packed in individual box	268 x 70 x 90	339.1000	1	46,00
<b>With switch and firm power connection, 16 A / 3 600 W</b>					<b>Alu</b>
3way	1 switch 2-pol. green light; 3 German type outlets black 3,0 m H05VV-F 3G1,50 mm <sup>2</sup> with firm connection and plug; with holding clips and screws; packed in individual box	325 x 70 x 90	339.1001	1	48,00
<b>DESK holding clips for table up to 80 mm thick</b>					<b>Alu</b>
	Holding clips, for table thickness from 50 up to 80 mm. Content: 2 x black brackets RAL9011 2 x Inbus-screws M5 x 45 mm 2 x Inbus-screws M5 x 60 mm 1 x description packed in polybag		930.180	1	26,00
<b>DESK accessory: mounting plates</b>					<b>PVC</b>
	2 plastic mounting plates to put on the DESK end caps. Content: 2 black mounting plates 2 screws 2 tapes packed in polybag		930.182	1	3,90



**NEW**



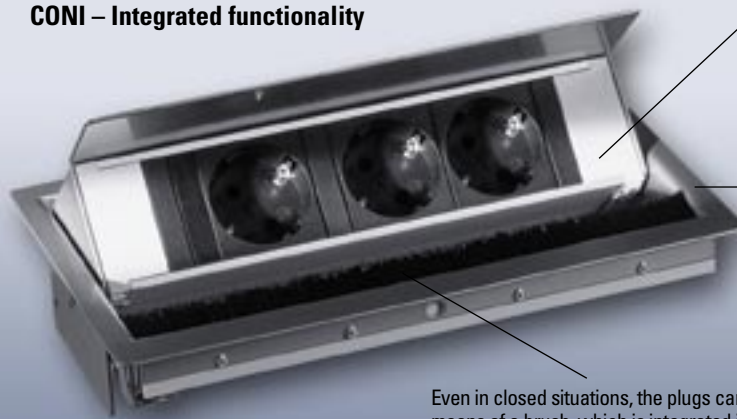
**Power cables and extensions available on page 33.  
CAT6 outlets on page 32.**

## CONI – Integrated functionality

Coni – open and closed.

The power strip can be exchanged easily and without tools from the upper side.

Power Input with 0,10 m cable and flat appliance plug GST18 to connect cables of different lengths.



Removable power strip in different versions.

Steel powder coated body available in two lengths and two colors.

Even in closed situations, the plugs can be connected by means of a brush, which is integrated in the frontside.

## CONI

Outlets	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>Built in frame – Short</b>					
-	CONI – built in frame short; Steel body with integrated brush and fixing kit for mounting in tables. For table thickness up to 16 mm; Frame without power strip (separately available) <b>Color: silver-grey</b>	Outside dimensions: (L x W) 248 x 151 mm Built in dimensions: (L x W) 237 x 139 mm Built in depth: 56 mm Corner radius R5	338.0203	1	112,00
<b>Built in frame – Short</b>					
-	CONI – built in frame short; Steel body with integrated brush and fixing kit for mounting in tables. For table thickness up to 16 mm; Frame without power strip (separately available) <b>Color: anthracite</b>	Outside dimensions: (L x W) 248 x 151 mm Built in dimensions: (L x W) 237 x 139 mm Built in depth: 56 mm Corner radius R5	338.0204	1	112,00
<b>Built in frame – Long</b>					
-	CONI – built in frame long; Steel body with integrated brush and fixing kit for mounting in tables. For table thickness up to 16 mm; Frame without power strip (separately available) <b>Color: silver-grey</b>	Outside dimensions: (L x W) 387 x 151 mm Built in dimensions: (L x W) 375 x 139 mm Built in depth: 56 mm Corner radius R5	338.0205	1	120,00
<b>Built in frame – Long</b>					
-	CONI – built in frame long; Steel body with integrated brush and fixtures kit for mounting in tables. For table thickness up to 16 mm; Frame without power strip (separately available) <b>Color: anthracite</b>	Outside dimensions: (L x W) 387 x 151 mm Built in dimensions: (L x W) 375 x 139 mm Built in depth: 56 mm Corner radius R5	338.0206	1	120,00
<b>Power strip for short frame, 16 A / 3 600 W</b>					
3way	3 German type outlets black; firm power connection with cable 0,10 m H05VV-F 3G1,50 mm <sup>2</sup> and flat appliance plug GST18; in polybag	217 x 52 x 44	333.1007	1	35,00
<b>Power strip for short frame, 2 x CAT5e RJ45, 16 A / 3 600 W</b>					
2way	2 German type outlets black; 2 CAT5e RJ45 outlet/outlet; firm power connection with cable 0,10 m H05VV-F 3G1,50 mm <sup>2</sup> and flat appliance plug GST18; in polybag	217 x 52 x 44	333.1008	1	64,00



Outlets	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>Power strip for short frame, 2 x CAT5e RJ45, 1 x VGA + stereo, 16 A / 3 600 W</b>					
1way	1 German type outlet black; 2 CAT5e RJ45 outlet/outlet; 1 VGA 15-pole outlet/outlet; 1 Stereo 3,5mm outlet/cable with Cinch-plug; firm power connection with cable 0,10 m H05VV-F 3G1,50 mm <sup>2</sup> and flat appliance plug GST18; in polybag	217 x 52 x 44	333.1009	1	105,46
<b>Power strip for short frame, 1 x frame CAT6 RJ45, 16 A / 3 600 W</b>					
2way	2 German type outlets black; 1 frame for CAT6 RJ45 without outlet (for Keystone CAT6 outlets, separately available); firm power connection with cable 0,10 m H05VV-F 3G1,50 mm <sup>2</sup> and flat appliance plug GST18; in polybag	217 x 52 x 44	333.1100	1	49,70
<b>Power strip for long frame, 2 x CAT5e RJ45, 2 x ISDN RJ12, 16 A / 3 600 W</b>					
4way	4 German type outlets black; 2 CAT5e RJ45 outlet/outlet; 2 RJ12 ISDN outlet/outlet; firm power connection with cable 0,10 m H05VV-F 3G1,50 mm <sup>2</sup> and flat appliance plug GST18; in polybag	356 x 52 x 44	333.1101	1	86,10
<b>Power strip for long frame, 4 x CAT5e RJ45, 16 A / 3 600 W</b>					
4way	4 German type outlets black; 4 CAT5e RJ45 outlet/outlet; firm power connection with cable 0,10 m H05VV-F 3G1,50 mm <sup>2</sup> and flat appliance plug GST18; in polybag	356 x 52 x 44	333.1102	1	96,70
<b>Power strip for long frame, 2 x CAT5e RJ45, 1 x VGA + stereo, 1 x USB, 16 A / 3 600 W</b>					
3way	3 German type outlets black; 2 CAT5e RJ45 outlet/outlet; 1 VGA 15-pole outlet/outlet; 1 Stereo 3,5 mm outlet/cable with Cinch-plug; 1 USB A outlet/outlet; firm power connection with cable 0,10 m H05VV-F 3G1,50 mm <sup>2</sup> and flat appliance plug GST18; in polybag	356 x 52 x 44	333.1103	1	151,30
<b>Power strip for long frame, 2 x frames CAT6 RJ45, 1 x VGA + stereo, 16 A / 3 600 W</b>					
3way	3 German type outlets black; 2 frame CAT6 RJ45 without outlet (for Keystone CAT6 outlets, separately available); 1 VGA 15-pole outlet/outlet; 1 Stereo 3,5 mm outlet/cable with Cinch-plug; with cable 0,10 m H05VV-F 3G1,50 mm <sup>2</sup> and flat appliance plug GST18; in Polybag	356 x 52 x 44	333.1104	1	103,10



**Power cables and extensions available on page 33.  
CAT6 outlets on page 32.**



## CONFERENCE – The name is programme

Access to the modules by opening the double flaps.

Exchange of the power strip without tools.

Power Input by GST18A 16A appliance to connect different cable lengths.



Removable power strip in different versions.

Aluminium body coated with special powder color in two lengths available. Different colours on request available.

Even in closed situations, the plugs can be connected by means of a brush which is integrated in the front side.

## CONFERENCE

Outlets	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>Built in frame – Short</b>					
-	CONFERENCE built in frame short. Aluminium body with fixing kit for mounting in tables. Frame without power strip (separately available)	Outside dimensions: (L x W) 286 x 183 mm Built in dimensions: (L x W) 271 x 170 mm Built in depth: 105 mm Corner radius R5	338.0201 338.0219	1 1	370,00 420,00
	<b>Color: moonstone iron mica</b> <b>Color: silver-grey</b> (similar RAL 9006)				
<b>Built in frame – Long</b>					
-	CONFERENCE built in frame long. Aluminium body powder, with fixing kit for mounting in tables. Frame without power strip (separately available)	Outside dimensions: (L x W) 467 x 183 mm Built in dimensions: (L x W) 452 x 170 mm Built in depth: 105 mm Corner radius R5	338.0200 338.0221	1 1	400,00 450,00
	<b>Color: moonstone iron mica</b> <b>Color: silver-grey</b> (similar RAL 9006)				
<b>Power strip for short frame, 1 x CAT5e RJ45 + 1 x ISDN RJ12, 16 A / 3 600 W</b>					
3way	3 German type outlets black; 1 CAT5e RJ45 outlet/outlet; 1 ISDN RJ12 outlet/outlet; Power In- and Out with GST18 16 A; without cable; packed in polybag	260 x 52 x 44	333.1003	1	66,50
<b>Power strip for short frame, 2 x CAT5e RJ45, 16 A / 3 600 W</b>					
3way	3 German type outlets black; 2 CAT5e RJ45 outlet/outlet; Power In- and Out with GST18 16 A; without cable; packed in polybag	260 x 52 x 44	333.1005	1	66,50
<b>Power strip for short frame, 1 x CAT5e RJ45 + 1 x ISDN RJ12, 1 x VGA + stereo, 16 A / 3 600 W</b>					
2way	3 German type outlets black 1 CAT5e RJ45 outlet/outlet 1 ISDN RJ 12 outlet/outlet 1 VGA 15-pole outlet/outlet 1 Stereo 3.5 mm outlet/cable with cinch plug; Power In- and Out with GST18 16 A; without cable; packed in polybag	260 x 52 x 44	333.1004	1	104,20

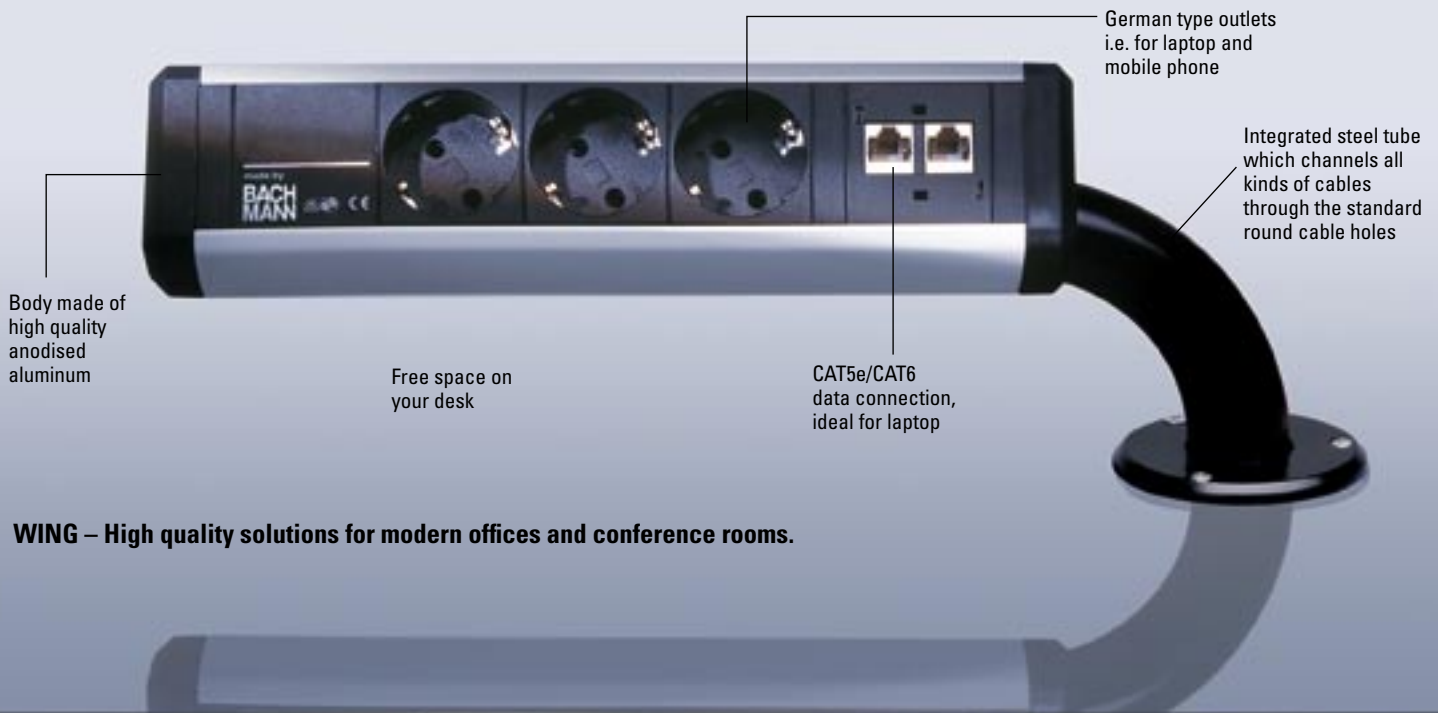
CAT6 outlets on page 32.

Outlets	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>Power strip for short frame, 2 x frames CAT6 RJ45, 16 A / 3 600 W</b>					
2way	2 German type outlets black; 2 frames CAT6 RJ45 without outlet (for Keystone CAT6 outlets separately available); Power In- and Out with GST18 16A; without cable; packed in polybag	260 x 52 x 44	333.1006	1	50,70
<b>Power strip for short frame, 1 x frame CAT6 RJ45, 1 x VGA + stereo, 16 A / 3 600 W</b>					
2way	2 German type outlets black; 1 frame CAT6 RJ45 (for Keystone CAT6 outlets, separately available); 1 VGA 15-pole outlet/outlet; 1 Stereo 3.5 mm outlet/cable with cinch plug; Power In- and Out with GST18 16A; without cable; packed in polybag	260 x 52 x 44	333.1202	1	91,58
<b>Power strip for short frame, 2 x CAT5e RJ45, 1 x VGA + stereo, 16 A / 3 600 W</b>					
2way	2 German type outlets black 2 CAT5e RJ45 outlet/outlet 1 VGA 15-pole outlet/outlet 1 Stereo 3.5 mm outlet/cable with cinch plug. Power In- and Out with GST18 16 A; without cable; packed in polybag	260 x 52 x 44	333.1063	1	104,20
<b>Power strip for long frame, 2 x CAT5e RJ45, 2 x ISDN RJ12, 16 A / 3 600 W</b>					
6way	6 German type outlets black 2 CAT5e RJ45 outlet/outlet 2 ISDN RJ12 outlet/outlet Power In- and Out with GST18 16 A; without cable; packed in polybag	444 x 52 x 44	333.1001	1	96,20
<b>Power strip for long frame, 4 x CAT5e RJ45, 16 A / 3 600 W</b>					
6way	6 German type outlets black 4 CAT5e RJ45 outlet/outlet 2 ISDN RJ12 outlet/outlet Power In- and Out with GST18 16 A; without cable; packed in polybag	444 x 52 x 44	333.1046	1	105,40
<b>Power strip for long frame, 2 x CAT5e RJ45, 2 x ISDN RJ12, 1 x VGA + stereo, 16 A / 3 600 W</b>					
5way	5 German type outlets black 2 CAT5e RJ45 outlet/outlet 2 ISDN RJ12 outlet/outlet 1 VGA 15-pole outlet/outlet 1 Stereo 3.5 mm outlet/cable with cinch plug; Power In- and Out with GST18 16 A; without cable; packed in polybag	444 x 52 x 44	333.1002	1	143,20
<b>Power strip for long frame, 4 x CAT5e RJ45, 1 x VGA + stereo, 1 x USB A, 16 A / 3 600 W</b>					
4way	4 German type outlets black 4 CAT5e RJ45 outlet/outlet 1 VGA 15-pole outlet/outlet 1 Stereo 3.5 mm outlet 1 USB A outlet/outlet Power In- and Out with GST18 16 A; without cable; packed in polybag	444 x 52 x 44	333.1200	1	171,00
<b>Power strip for long frame, 2 x frames CAT6, 1 x VGA + stereo, 1 x USB A, 16 A / 3 600 W</b>					
4way	4 German type outlets black 2 frames for CAT6e RJ45 (for Keystone CAT6 outlets separately available). 1 VGA 15-pole outlet/outlet 1 Stereo 3.5 mm outlet 1 USB A outlet/outlet Power In- and Out with GST18 16 A; without cable; packed in polybag	444 x 52 x 44	333.1201	1	145,60



Power cables and extensions available on page 33.

\* Non binding price suggestion, without VAT, per piece



**WING – High quality solutions for modern offices and conference rooms.**

**WING**



**WING - DESIGNED TO FLY**

If a little extravagance is needed – then WING. With this product design prominent, but not all. WING is the high end solution for modern offices, conference rooms or lecterns. WING needs almost no space on your desk, has a integrated steel tube, which channels all kinds of cables through

the standard round cable holes. Besides the ready to use WING CAT5e and WING PRO CONTROL + CAT5e other modules and set-ups are possible. Discover the harmony between elegance of appearance, anodised aluminium with high functionality and a up-to-date workplace concept.



Outlets	Version	Art. No. individually packed	Packing	Price/€*
<b>WING CAT5e, 16 A / 3600 W</b>				<b>Alu</b>
1x fully screened CAT5e-Outlet, for net connections, inclusive 3 m data cables each and power supply 230 V				
3way	without switch aluminium profile Color: RAL 9006	337.001 ⚠	1	270,00

**PROCONTROL**

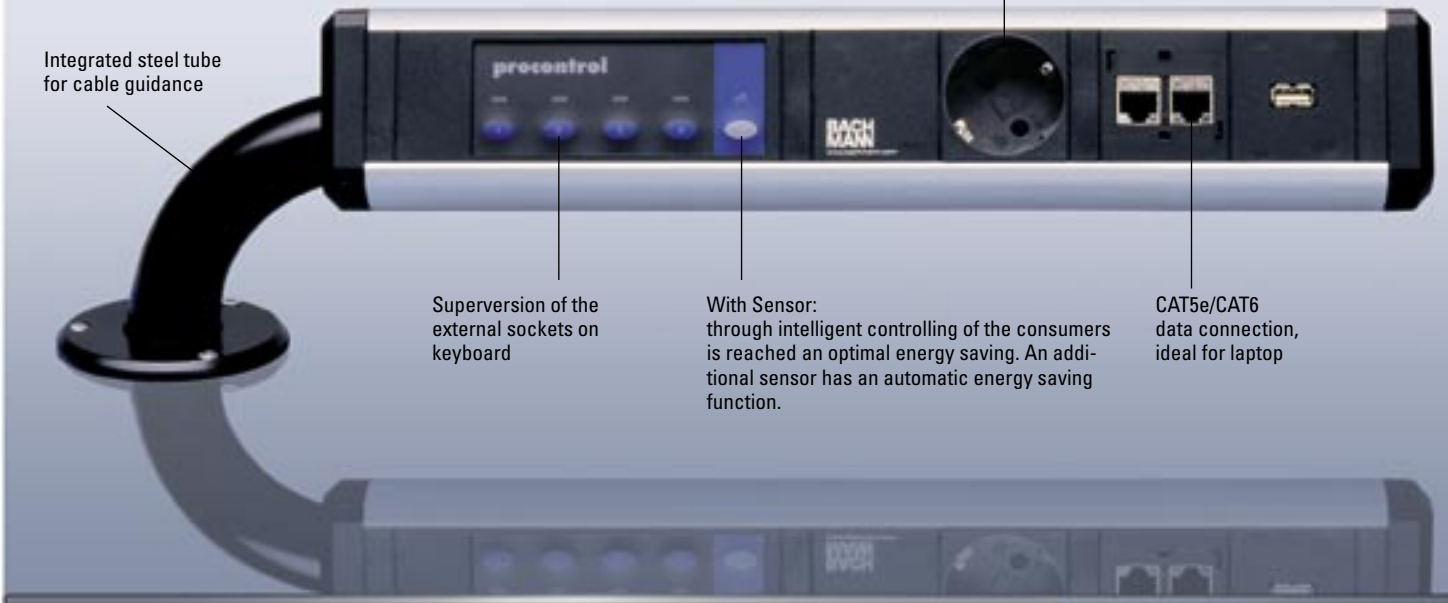
Integrated steel tube for cable guidance

Supervision of the external sockets on keyboard

With Sensor: through intelligent controlling of the consumers is reached an optimal energy saving. An additional sensor has an automatic energy saving function.

CAT5e/CAT6 data connection, ideal for laptop

German type outlets i.e. for laptop and mobile phone



Outlets	Version	Art. No.	Packing individually packed	Price/€*
<b>DESK PROCONTROL, control element, 16 A / 3 600 W</b>				
1way	PROCONTROL keyboard; 1 German type outlet black; 2 CAT5e RJ45 outlet/outlet; 1 USB A/A inclusive data Power in RJ45 PROCONTROL, 3 m cable; GST18; without cable (separately available); support angles and screws included; packed in individual box	339.1010	1	198,00
<b>CONI PROCONTROL, control element 16 A / 3 600 W</b>				
1way	PROCONTROL keyboard; 1 German type outlet black; 2 CAT5e RJ45 outlet/outlet; 1 USB A; 3 m cable line RJ45 PROCONTROL, Power in H05VV-F 3G1,5 mm <sup>2</sup> black 0.10 m S1: Flat connector GST18	333.1105	1	178,00
<b>CONFERENCE PROCONTROL, control element, 16 A / 3 600 W</b>				
3way	PROCONTROL keyboard; 1 German type outlet black; 2 CAT5e RJ45 outlet/outlet; 1 USB A/A cable line RJ45 PROCONTROL, 3 m; Power in GST18	333.1204	1	178,00
<b>WING PROCONTROL, control element, 16 A / 3 600 W</b>				
1way	PROCONTROL keyboard; 1 German type outlet black; 2 CAT5e RJ45 outlet/outlet; 1 USB A/A; 3 m data cable PROCONTROL RJ45; 3 m H05VV-F 3G1,5 mm <sup>2</sup> black; 3 m data cable CAT5e RJ45; 3 m data line USB A/A; packed in individual box	337.006	1	518,00
<b>DUO PROCONTROL, power element, 16 A / 3 600 W</b>				
4- and 2way	PROCONTROL power element with RJ45 socket for connection on PROCONTROL control element. 4 German type outlets black with child protection, individually over PROCONTROL adjustable; 2 German type outlets red with child protection for permanent power; 2 m cable H05VV-F 3G 1.50 mm <sup>2</sup> black with plug; assembly accessories included; packed in individual box	335.021	1	138,00

**PROCONTROL**



Order separately CONI built in frame Article No. 338.0205 in color silver-grey or 338.0206 in color anthracite. Further RAL colors as special production.



Order separately CONFERENCE built in frame Article No. 338.0200 in color moon stone mica. Further RAL colors as special production.



## DUO – High quality socket outlet with clear connection system



Mounting kit with screws included!

Nickel plated earthing, German type outlets 35° and integrated child protection



Body made of high quality anodized aluminum

2 pole illuminated rocker switch 16 A

1.75 m cable H05VV-F 3G1.5 mm<sup>2</sup> with right angle German type plug

Optical malfunction indication of overvoltage protection

Overvoltage protection (option: with line and frequency filter)

ISDN-overvoltage protection

1 x ISDN in and 3 x ISDN out

## DUO



Outlets	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price /€*
<b>Socket outlet, 16 A / 3 600 W</b>					<b>Alu</b>
6way	1 switch	240 x 116 x 60	335.002	1	48,00
2 x 6way	2 switch (1 on each side)	405 x 116 x 60	335.008	1	64,00
<b>Overvoltage protection, 16 A / 3600 W</b>					<b>Alu</b>
With overvoltage protection					
2 x 6way	2 switch (1 on each side)	405 x 116 x 60	335.009	1	90,00
<b>Overvoltage protection with filter, 16 A / 3600 W</b>					<b>Alu</b>
With overvoltage protection + line and frequency filter					
6way	1 switch	325 x 116 x 60	335.007	1	97,00
<b>Overvoltage protection with filter + ISDN, 16 A / 3600 W</b>					<b>Alu</b>
With overvoltage protection + line and frequency filter + ISDN protection for 1 incoming socket and 3 outgoing outlets					
5way	1 switch	320 x 116 x 60	335.011	1	125,00

**COMPACT – Outlet tower, ideal for many access points on a close space in an elegant design**

1.75 m cable H05VV-F 3G  
1.5 mm<sup>2</sup> with German type  
right angle plug

2 pole illuminated  
rocker switch 16 A



Nickel plated earthing

Overvoltage protection  
option: with line and  
frequency filter

Optical malfunction  
indication of  
overvoltage protection

German type outlets 35°  
with integrated child  
protection

Body made of high quality anodized aluminum



1 x ISDN in and  
3 x ISDN out

ISDN-  
overvoltage protection



Mounting kit with  
screws included!

Outlets	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>16 A / 3600 W</b>					<b>Alu</b>
8way	1 switch	116 x 116 x 179	334.006	1	62,00
12way	1 switch	116 x 116 x 222	334.001	1	68,00
<b>Overvoltage protection with filter, 16 A / 3600 W</b>					<b>Alu</b>
With overvoltage protection + line and frequency filter					
9way	1 switch	116 x 116 x 222	334.003	1	107,00
<b>Overvoltage protection with filter + ISDN, 16 A / 3600 W</b>					<b>Alu</b>
With overvoltage protection + line and frequency filter + ISDN-overvoltage protection 1x ISDN-entry und 3 x ISDN-exits					
6way	1 switch	116 x 116 x 222	334.002	1	145,00

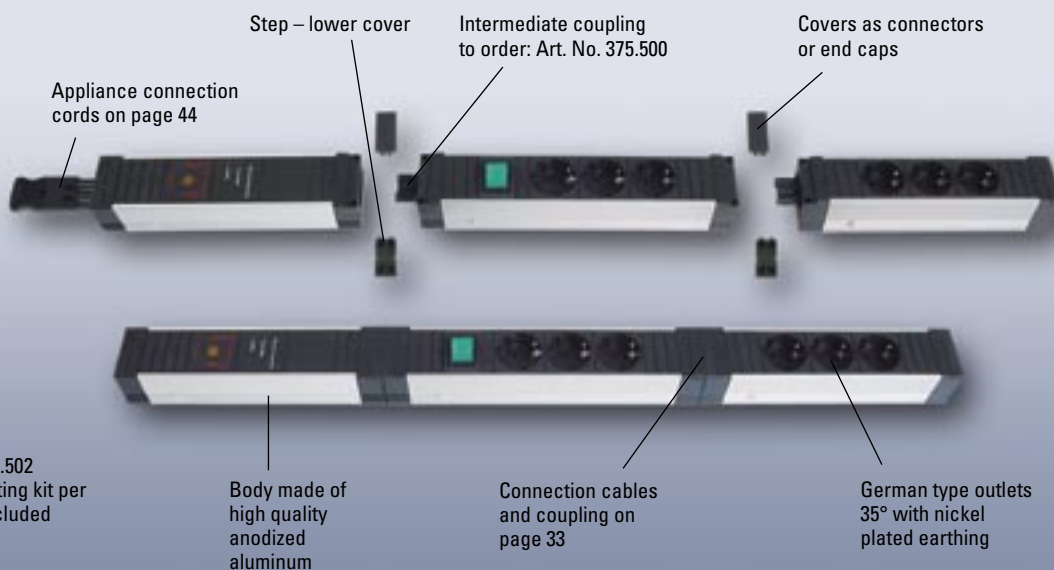
**COMPACT**



\* Non binding price suggestion, without VAT, per piece

## STEP – Building kit for power and data lines

Individual modules can be used in any combination via special coupling and/or connection cables. I.e. for laboratory, furniture, installation, industry, hospitals, etc. The STEP modular system can be adapted to every need in the future or any current changes.

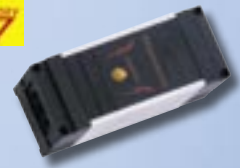


## STEP

Outlets	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>STEP-Modul, 16 A / 3600 W</b>					<b>Alu</b>
Without switch					
3way	black	231 x 52 x 44	336.000 ⚠	1	33,00
3way	red for computer outlets	231 x 52 x 44	336.002 ⚠	1	34,20
3way	cold connector IEC320	231 x 52 x 46	336.009 ⚠	1	39,00
<b>STEP-Modul, 16 A / 3600 W</b>					<b>Alu</b>
2-pole, illuminated, rocker switch 16 A, switches only the outlet within the module					
3way	1 switch	273 x 52 x 53	336.001 ⚠	1	36,00



Outlets	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>STEP-Modul, overvoltage protection, 16 A / 3600 W</b>					Alu
With overvoltage protection					
-	overvoltage protection	147 x 52 x 44	336.003 ⚠	1	33,00
<b>STEP-Modul, overvoltage protection with filter, 16 A / 3600 W</b>					Alu
With overvoltage protection + line and frequency filter					
-	overvoltage protection with filter	231 x 52 x 44	336.004 ⚠	1	56,00
<b>Step-Modul, ISDN-protection, 16 A / 3600 W</b>					Alu
1 x ISDN in and 3 x out, with ISDN overvoltage protection					
-	ISDN	187 x 52 x 44	336.007 ⚠	1	65,00
<b>STEP-Modul, Master &amp; Slave 16 A / 3600 W</b>					Alu
1way Master	Master & Slave	242 x 52 x 44	336.006 ⚠	1	59,00
<b>Accessory</b>					
-	Mounting kit, ref. to picture		375.502	1	3,57
-	Intermediate coupling		375.500	1	3,47



Power supply and connection cables for STEP on page 33.



**TWIN – Space efficient socket outlet with electronic, including practical holding flanges. Useful among others for laboratories, data centres, working tables, industry, etc. With 1.75 m cable H05VV-F 3G1.5 mm<sup>2</sup>.**

**16 A / 3600 W**

Alu

2-pole, illuminated rocker switch 16 A, each outlet switched individually. Distance between outlet 85 mm, ideal for transformer plugs!

6way	6 switch	563 x 106 x 44	333.006 ⚠	1	87,00
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## ACCESSORY FOR FACILITY



**NEW**



**NEW**



**NEW**



**NEW**



**NEW**



**NEW**



**NEW**

Length	Version	Art. No. individually packed	Packing	Price/€*
<b>CAT6 Patch cable plug / plug</b>				
3,0 m	CAT6 Patch cable, Side 1: plug RJ45 Side 2: plug RJ45 packed in polybag	940.040	1	14,30
5,0 m		940.041	1	17,10
<b>CAT6 Patch cable plug / outlet</b>				
3,0 m	CAT6 Patch cable, black Side 1: plug RJ45 Type: Stewart Side 2: outlet RJ45 Type: Telegärtner AMJ CAT6 + J00029A0036; Design: Keystone, for all CAT6-frames in BACHMANN products. Standards: EN 50173:2002 TIA/EIA 568 B.2-1 For frequency until 250 MHz; 10 Gigabit Ethernet-conform; packed in polybag	940.042	1	32,10
5,0 m		940.043	1	36,14
<b>CAT6 Couplen outlet / outlet BTR E-DAT 1309AO-1</b>				
-	CAT6 Couplen outlet/outlet Type: BTR E-DAT 1309AO-1 8(8) Side 1: RJ45 (Keystone) Side 2: RJ45 (E-DAT mounting) packed in polybag	940.044	1	24,60
<b>USB-extension cable plug A / plug A</b>				
3,0 m	Extension cable USB, light grey Side 1: plug A Side 2: plug A packed in polybag	940.045	1	2,90
<b>USB-extension cable plug A / plug B</b>				
3,0 m	Extension cable USB, light grey Side 1: plug A Side 2: plug B packed in polybag	940.046	1	2,40
<b>VGA-extension cable SubD 15 pole plug / outlet</b>				
3,0 m	Extension cable VGA Sub D 15 pole black Side 1: plug 15 pole Side 2: outlet 15 pole packed in polybag	940.047	1	10,50
5,0 m		940.048	1	14,80
<b>Cinch-extension cable Stereo with plug / plug</b>				
2,5 m	Extension cable Cinch Stereo; Side 1: plug Cinch red + white Side 2: plug Cinch red + white packed in polybag	940.049	1	3,34

**Other cord sets available on request!**

**Appliance connecting cables:**

i.e. for power supply DESK, CONFERENCE, CONI, STEP.  
Compatible with GST 18

Length/Art	Color	Art. No. individually packed	Packing	Price/€*
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**Plugs and coupling, 16 A / 250 V~, EN 60 320 / IEC 320**

Flat plastic version, 3 pole 16 A, with strain relief. Suitable to connect and unplug under full power, also for installation systems. Isolation removal length: 7 mm, permanent temperature range up to 100 °C  
IP 20 / IP 40 if plugged in, cross section from 0.5 up to 1,5 mm<sup>2</sup>

**Appliance cable, 16 A / 250 V~, PVC, 70°C**

Side 1: German type right angle plug with double earthing, moulded German type  
Side 2: appliance coupling, mounted

Cable H05VV-F 3G1,50 mm <sup>2</sup>				
1,5 m	black	375.000	1	6,40
3 m	black	375.003	1	8,14
5 m	black	375.007	1	10,92

**Appliance extension, 16 A / 250 V~, PVC, 70°C**

Side 1: appliance plug mounted  
Side 2: appliance coupling, mounted

Cable H05VV-F 3G1,50 mm <sup>2</sup>				
0,3 m	black	375.050	1	6,51
1 m	black	375.053	1	7,14
3 m	black	375.055	1	8,61

**Appliance plug, ready for mounting, 16 A / 250 V~**

-	black	375.504	1	2,34
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**Appliance coupling, ready for mounting, 16 A / 250 V~**

-	black	375.505	1	2,66
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**Multiplier GST 18i3V 2P1T**

1 x in GST 18, 2 x out GST 18 (power extension)

-	black	375.101	1	7,60
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**Built in plug and Built in coupling, 16 A / 250 V~, EN 60 320 / IEC 320**

Plastic version for built in into lamps and appliances, 3 pole, 16 A  
Suitable to connect and unplug under full power, also for installation systems  
Isolation removal length: 8 mm, permanent temperature range up to 100 °C  
IP 20 / IP 40 if plugged in, cross section from 0.5 up to 1.5 mm<sup>2</sup>  
Dimension for built in: 33 x 15.6 mm / for wall thickness from 0.5 up to 1.2 mm

Built in plug	black	375.506	1	1,88
Built in coupling	black	375.507	1	1,98

**Accessory, fitting to built in plug and coupling**

Connection coupling	black	375.500	1	3,47
Snap in hook	black	375.501	1	0,74
End cap	black	375.503	1	0,52

**Special assemblies on request.**



\* Non binding price suggestion, without VAT, per piece

## CABLE SNAKE – Perfect installation solutions

Cables can be drawn fast and toolless according to zipper – principle into the cable run system.

The cable run systems CLASSIC and PRO can be linked without problems with one another.

Prescribed protection requirements and bending radii according to VDE 0899 part of 4 are kept.

Cable guidance system CABLE SNAKE – for perfect laying between floor, wall outlets and different devices and appliances. Compatibility between CABLE SNAKE PRO and CLASSIC by simple insertion. Patented cable guidance system in compliance with the prevailing standards on workplaces and offices.



When desired the cable run elements are available also in other colors.

## CABLE SNAKE



Color	Version	Dimensions (B x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>CABLE SNAKE CLASSIC</b>					<b>Polypropylene</b>
black RAL 9005	Flexible cable guidance system (horizontal or vertical). The links are step and fail safe and adjustable to each other with 2 connection parts.	ca. 54 x 23	930.030	1 m (taken off)	18,16
silver	System with 3 channels to separate data and power cables. Possibility to weave out the cable sidewise.	ca. 54 x 23	930.031	1 m (taken off)	18,46
<b>CABLE SNAKE PRO on the floor</b>					<b>Polypropylene</b>
black RAL 9005	Flexible cable guidance system (horizontal). High resistant material: resistant to 120 kgs (on 5 links). 2 channels to separate data and power cables. Compatible with CABLE SNAKE CLASSIC.	ca. 90 x 24	930.032	1 m (taken off)	23,44
silver		ca. 90 x 24	930.033	1 m (taken off)	25,32
<b>CABLE SNAKE EASY-CLIP CLASSIC</b>					<b>Polypropylene</b>
black RAL 9005	Clip to fix CABLE SNAKE to power tower	ca. 90 x 24	930.037	1 piece	19,74
silver		ca. 90 x 24	930.038	1 piece	19,74
<b>CABLE SNAKE EASY-CLIP for soil discharge openings</b>					<b>Polypropylene</b>
black RAL 9005	Patented adapter to fix CABLE SNAKE to all standard cable floor outlet. Fixation directly on floor outlets or mounted on furniture (vertical or horizontal).	-	930.036	1	3,26

Color	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>CABLE SNAKE EASY-SWITCH</b>					<b>Polypropylene</b>
black RAL 9005	With the EASY-SWITCH distribution, CABLE SNAKE can be installed as a network. The distribution can be clipped to the CABLE SNAKE links without a tool. EASY-SWITCH can be fixed easily with a drilled hole.	-	930.034	1	19,74
silver		-	930.035	1	19,74
<b>CABLE SNAKE EASY-CAP</b>					<b>Polypropylene</b>
black RAL 9005	To lock the connection points of EASY-SWITCH, which are not used.	-	930.044	1	2,24
silver		-	930.045	1	2,24
<b>CABLE SNAKE EASY-LINE</b>					<b>Polypropylene</b>
black	The rail EASY-LINE makes it easy to fix the CABLE SNAKE PRO & CLASSIC straight as well as in curves. Very useful for mounting on a wall or overhead, or for balustrade on table. For 1 m CABLE SNAKE, use 4 pieces of railing CABLE SNAKE. For endings, use fixing EASY-STOP.	straight	930.039	1 = 4 pcs.	9,88
black		circle 90°, radius 150 mm	930.040	1	2,50
black		circle 22,5°	930.041	1 = 4 pcs.	9,84
<b>CABLE SNAKE EASY-STOP</b>					<b>Polypropylene</b>
black RAL 9005	The EASY-STOP strain relief fixes cables reliably at the attachment point. For horizontal/vertical attachment usable. As a single part or in combination with all EASY-LINE rails usable.	-	930.042	1 piece	3,22
<b>CABLE SNAKE-CONSOLIDATION POINT</b>					<b>Polypropylene</b>
black RAL 9011	Cover for the wiring opening in a double floor. With 3 openings in a 120° angle. With admission and strain relief for CABLE SNAKE. Non used female connectors are locked with caps EASY-CAP. Content: Cover for double floor, EASY-SWITCH black, M6 screw	built in dimensions: ø 125 mm outside dimensions: ø 142 mm floor-outstanding height: 28 mm	930.043	1 piece	84,60

**CABLE SNAKE**



**POWER TOWER – the optimal cable box**

Guides, protects, bundles and distributes existing connections in the office. Cable excess lengths, accessory equipment and socket outlets can be stowed away in the POWER TOWER. the quantity of cables will be substantially reduced between the wall channel and floor.

Solid and robust body, stabil foot.



Cables can be led in and out through openings of of POWER TOWER. CABLE SNAKE can easily be fixed to these openings.

To fix a socket outlet (i.E. 330.104) Use the 2 adhesive fixing parts (included). Just mount the socket outlets on the profil of POWER TOWER.



**POWER TOWER PVC 65 cm**

**Plastic**

light-grey	267 x 186 x 650	930.006	1	99,90
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**POWER TOWER ALU 65 cm**

**Alu**

silver-grey	267 x 186 x 650	930.001	1	150,00
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**POWER TOWER**



\* Non binding price suggestion, without VAT, per piece

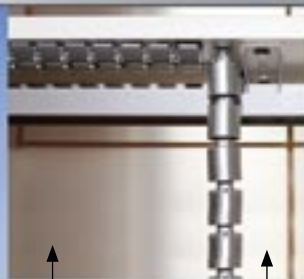
## Cable Management with the PREMIUM CABLE SNAKE: the perfect cable guidance system!

The PREMIUM CABLE SNAKE enables easy and perfect cable laying on workplaces. This flexible system offers for a long time a sensible cable management fitting to your requirements.

The PREMIUM CABLE SNAKE is ideal to guide all cables between the desk and the floor. The length of the PREMIUM chain can be adapted by taking in or out a chain link.



The PREMIUM CABLE SNAKE has 2 + 2 chambers to separate data and power cables. The protection requirements and bending radius according to VDE 0899 Part 4 are respected!



The Cable Management System PREMIUM is compatible with the CABLE SNAKES PRO and CLASSIC.

All cables can be guided under tables with cable snakes PRO, CLASSIC or fixing brackets.

## CABLE MANAGEMENT



NEW

NEW



Color	Version	Dimensions (L x W x H) in mm	Art. No. individually packed	Packing	Price/€*
<b>CABLE SNAKE PREMIUM</b>				<b>Polypropylene</b>	
black RAL 9005	Premium mounting set with 16 links. Metal floor plate. End part for table fixing and screws included.	ca. 35 x 70	930.049	0,75 m (maximum)	30,34
silver			930.050		31,30
<b>CABLE SNAKE cable bracket with strain relief</b>				<b>Polypropylene</b>	
black RAL 9005	Cable bracket set to fix and guide cables under a table. Included strain relief and screws (as well adapted to thin tables).		930.051	1	6,14



## BACHMANN – POWER DISTRIBUTION

The IT industry has clearly changed in the last years. Special customized solutions are now required. This means of course higher requirement to power supply and distribution. As an innovative manufacturer BACHMANN is now a well known name for IT power ditribution.

Socket outlets in all types for 19" racks as well as the development of new power distribution concepts are already part of our product range. Due to our experience, we are recognized as the competence partner of our customers and we can implement all individual IT solutions – that is our strength!

Robust socket outlet for use in 19" racks!

## 1 U (44 mm), ALUMINIUM

High quality electronics, i.e. overvoltage protection, line and frequency filter, master & slave etc.



2 m H05VV-F3G1.5 mm<sup>2</sup> with moulded right angle German type plug, double earthing

High quality anodised aluminium profile, surface

44 mm

Useful holding flanges for fixing in 4 positions, each 90°

plastic light grey RAL 7035 or black

High quality components used, different international outlets available

35° Outlets with nickel plated earth contacts

2 pole illuminated rocker switch 16 A

Power strip non rewirable – rewirable version available (one outlet less)

Germany 230V 10/16A



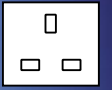
France 230V 10/16A



Switzerland 230V 10A



UK 230V 13A



US 110V 15A

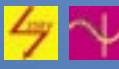


IEC 320 230V 10A



19"

Outlets	Version	Dimensions individually packed	Art. No.	Color	Packing	Price /€*
<b>Socket outlet, 16 A / 3 600 W</b> <span style="float:right">Alu</span>						
9way	without switch	19"	333.401	light grey	1	35,70
8way	1 switch	19"	333.400	light grey	1	35,70
9way	without switch	19"	333.506	black	1	41,00
8way	1 switch	19"	333.505	black	1	41,00
<b>Socket outlet, overvoltage protection, 16 A / 3 600 W</b> <span style="float:right">Alu</span>						
With overvoltage protection 6,5 kA, optical function and malfunction indication						
8way	without switch	19"	333.404	light grey	1	55,65
7way	1 switch	19"	333.405	light grey	1	55,65
8way	without switch	19"	333.534	black	1	60,00
7way	1 switch	19"	333.535	black	1	60,00
<b>Socket outlet, overvoltage protection with filter, 16 A / 3 600 W</b> <span style="float:right">Alu</span>						
With overvoltage protection 6,5 kA, line and frequency filter and optical function and malfunction indication						
6way	without switch	19"	333.402	light grey	1	81,90
5way	1 switch	19"	333.403	light grey	1	81,90
6way	without switch	19"	333.536	black	1	86,00
5way	1 switch	19"	333.537	black	1	86,00
<b>Socket outlet, filter, 16 A / 3600 W</b> <span style="float:right">Alu</span>						
With line and frequency filter						
7way	without switch	19"	333.406	light grey	1	71,40
<b>Socket outlet, Master &amp; Slave-Electronic, 16 A / 3 600 W</b> <span style="float:right">Alu</span>						
Master & Slave with stand by adjustment, 4 slave outlets are switched by the switch of the master appliance!						
1- and 4-way	Master & Slave	19"	333.407	light grey	1	96,60



Outlets	Version	Dimensions individually packed	Art. No.	Color	Packing	Price/€*
<b>Cold connector-outlet, IEC 320, 10 A / 2 300 W</b>						<b>Alu</b>
With 10 A fuse and cable with German type right angle plug						
8way	F10A	19"	333.408	light grey	1	73,50
9way	without F10A	19"	333.539	light grey	1	69,80
Cable H05VV-F 3G1,00 m <sup>2</sup> with IEC-cold connector plug 10 A						
8way	without switch with F10A	19"	333.540	light grey	1	73,50
<b>Socket outlet, for UPS devices, 10 A / 2 300 W</b>						<b>Alu</b>
With 10 A fuse, red outlets and cable with IEC-cold connector plug 10 A						
8way	F10A	19"	333.410	light grey	1	47,00
8way	F10A	19"	333.538	black	1	52,00
<b>Socket outlet with person protection, 16 A / 3 600 W</b>						<b>Alu</b>
With person protection 16 A, 30 mA, reaction time 30 mS, 2 pole, without earth surveillance						
6way	person protection 16 A, 30 mA	19"	333.411	light grey	1	165,00
<b>Socket outlet with line protection, 16 A / 3 600 W</b>						<b>Alu</b>
With line protection 16 A, 2 pole, characteristic B						
6way	line protection-switch	19"	333.412	light grey	1	96,00
<b>Socket outlet strip for vertical mounting, 16 A / 3 600 W</b>						<b>Alu</b>
12way	without switch	565 mm	333.413	light grey	1	53,00
Distance between outlets 85 mm, adapted for transformer plugs						
12way	85 mm distance without switch	1072 mm	333.414	light grey	1	83,00
With overvoltage protection 6,5 kA, line and frequency filter and optical function and malfunction indication						
9-fach	without switch	565 mm	333.415	light grey	1	96,00
<b>Outlet, rewireable, 16 A / 3 600 W</b>						<b>Alu</b>
Without cable, with terminal block for rewiring, end caps fixed with screws						
8way	without switch	19"	333.416	light grey	1	36,00
<b>10" outlet, 16 A / 3 600 W</b>						<b>Alu</b>
3way	without switch	208 mm	333.417	light grey	1	25,20
4way	without switch	208 mm	333.0122	light grey	1	30,80
<b>Socket outlet UTE – french type outlets, 16 A / 3 600 W</b>						<b>Alu</b>
With french type outlets						
9way	without switch	19"	333.418		1	41,00
8way	with switch	19"	333.419		1	42,00



\* Non binding price suggestion, without VAT, per piece



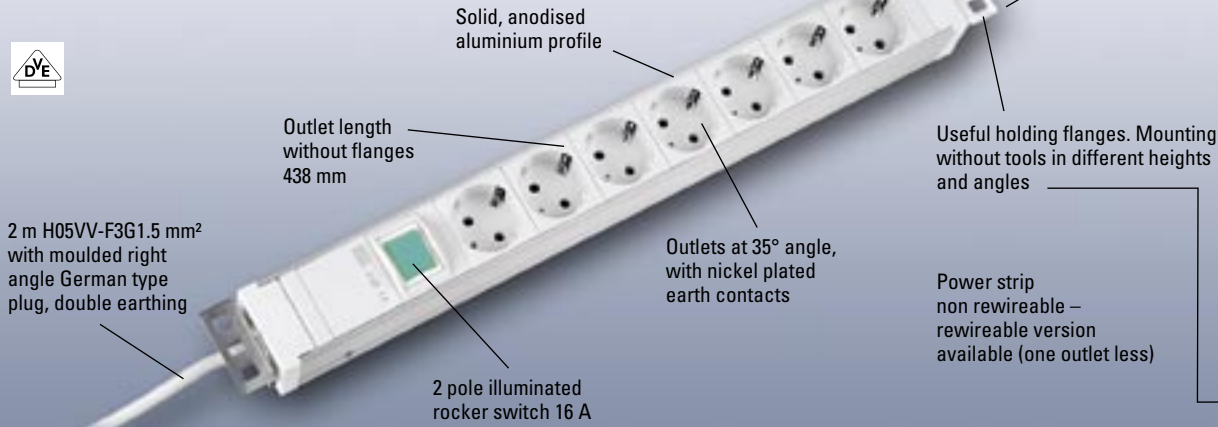
**Robust socket outlet for use in 19" racks!**

## > 1 U (54 mm instead of 44 mm), ALUMINIUM

High quality electronics, i.e. overvoltage protection, line and frequency filter, master & slave etc.



High quality components used, different outlets for different countries available



**19"**



Outlets	Version	Dimensions	Art. No. individually packed	Packing	Price/€*
<b>Socket Outlet, 16 A / 3 600 W</b> <span style="float: right;">Alu</span>					
8way	without switch	19"	333.001	1	32,55
7way	1 switch	19"	333.000	1	32,55
<b>Socket Outlet, overvoltage protection, 16 A / 3 600 W</b> <span style="float: right;">Alu</span>					
With overvoltage protection 6,5 kA, optical function and malfunction indication					
7way	without switch	19"	333.004	1	55,65
6way	1 switch	19"	333.005	1	55,65
<b>Socket Outlet, overvoltage protection with Filter, 16 A / 3 600 W</b> <span style="float: right;">Alu</span>					
With overvoltage protection 6,5 kA, line and frequency filter and optical function and malfunction indication					
5way	without switch	19"	333.002	1	81,90
4way	1 switch	19"	331.020 2	1	81,90
<b>Socket Outlet for vertical mounting, 16 A / 3 600 W</b> <span style="float: right;">Alu</span>					
12way	without switch	617 mm	333.010	1	54,00
With overvoltage protection 6 kA + Netz- und Frequenzfilter, optical function and malfunction indication					
9-fach	without switch	630 mm	333.011	1	97,00

**Robust socket outlet for use in 19" racks!**

**> 1 U (54 mm instead of 44 mm), PLASTIC**

High quality electronics, i.e. overvoltage protection, line and frequency filter, master & slave etc.

Solid profile

Outlet length without flanges 438 mm

2 m H05VV-F3G1.5 mm<sup>2</sup> with moulded right angle German type plug, double earthing

Outlets at 35° angle, with nickel plated earth contacts

Useful holding flanges. Mounting without tools in different heights and angles.

High quality components used, different outlets for different countries available

Power strip non rewirable – rewirable version possible (with one outlet less)

Outlets	Version	Dimensions individually packed	Art. No.	Color	Packing	Price/€*
<b>Socket outlet, &gt; 1 U, 16 A / 3 600 W</b>						<b>Plastic</b>
H05VV-F 3G1,5 mm <sup>2</sup> , in polybag						
7way	with switch	19"	333.600	lightgrey	1	25,00
8way	without switch	19"	333.601	lightgrey	1	25,00
<b>Socket outlet, overvoltage protection, &gt; 1 U</b>						<b>Plastic</b>
H05VV-F 3G1,5 mm <sup>2</sup> , with overvoltage protection, in polybag						
7way	without switch	19"	333.604	lightgrey	1	46,00
6way	with switch	19"	333.605	lightgrey	1	46,00
<b>Socket outlet, overvoltage protection with filter, &gt; 1 U, 16 A / 3 600 W</b>						<b>Plastic</b>
H05VV-F 3G1,5 mm <sup>2</sup> , full protection, in polybag						
5way	without switch	19"	333.602	lightgrey	1	70,00



\* Non binding price suggestion, without VAT, per piece



Version	Color	Dimensions (L x W x H) in mm	Art. No. packed	Packing	Price/€*
<b>Adapter 3 600 Watt / 16 A / 250 V</b> <span style="float: right;">available July 2006</span>					
Adapter with overvoltage protection	grey	108 x 62 x 33	919.000	1	13,65
Adapter with overvoltage protection and filter	grey	177,9 x 62 x 33	919.001	1	26,25
Adapter with overvoltage protection + ISDN	grey	177,9 x 62 x 33	919.002	1	40,95

Overvoltage protection according to VDE 0675, part 6, 1989 – 11. part A1, 1996 – 10, EN 61643-1: 2001, class D, max. current 6.5 kA, reaction < 25 nS. Suitable for 16 A. 3 varistors, 2 temperature fuses, gas tube, optical function and malfunction indication lamp.

### ELGARD overvoltage protection-adapter, 16 A / 250 V ~ max. 3 600 W

Protecting electronic devices from overvoltage. Optical function and malfunction indication, max. current 8 kA, class D, DIN VDE 0675, part 6 and III according to IEC 61643-1 (1998-2). IP 21, Temperature range -25 °C up to 40 °C.



-	white	-	919.281	1	23,00
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### Overvoltage protection-adapter 16 A / 250 V ~ max. 3 600 W

Max. current 4,5 kA per varistor. With optical function control.



With 3 varistors	white	-	919.288	10	11,60
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### Overvoltage protection-adapter 16 A / 250 V ~ max. 3 600 W

Max. current 4,5 kA per varistor. With optical function control.



With 1 varistor	white	-	920.000	10	5,80
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### Multi plug

1 x German type outlet 90° und 2 x Euro-outlet, 16 A / 250 V~

-	black	-	920.170	10	1,89
-	white	-	920.270	10	1,89

Euro-2way-plug, 2,5 A / 250V~

-	white	-	921.271	30	0,74
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Euro-3way-plug, 2,5 A / 250 V~

-	white	-	921.270	30	1,31
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Version	Color	Art. No. packed	Packing	Price/€*
<b>Person protection (DI), PRCD</b>				
Current 16 A, voltage 250 V/50 Hz, launch current < 30 mA, reaction time < 30 ms, max. 3,600 W, 2 pole cut off (L, N). Tested according: EN 61008-1: 1994+A2+A11, EN 61008-2-1/08.94 IEC 884-1/A1/12.94				
<b>Person protection with lid, IP 44</b>				
Adapter	white	919.284	50	46,00
<b>Person protection plug, IP 54</b>				
Mountable plug	black	919.183	50	48,00
<b>ELGARD Person protection (DI), PRCD</b>				
Protects persons from electric shock in only fractions of a second. Portable indoor protection adapter. Available as adapter and mountable plug. If rubber skin is used, suitable for outdoor use. Rated Current 16 A, rated voltage 230 V~, launch current 30 mA, max. 3,600 W, 2 pole cut off (L, N), short circuit resistance 1,500 A, temperatur range -25 °C to 40 °C. Approved according to: IEC 61540				
<b>Adapter with child protection , IP 21</b>				
-	white	919.285	1	48,00
<b>Mountable plug, IP21</b>				
-	white	919.286	1	49,00
<b>Rubber protection for mountable plug, IP 44</b>				
-	-	904.880	1	6,60



\* Non binding price suggestion, without VAT, per piece

## PRCD-S

Line intermediate switch with all pole cut-off. Portable residual current protection with electronic residual current reporting.

For all fault alternative phase truncated current 10 or 30 mA. With under voltage release, protective earth conductor recognition and control as well as external voltage recognition.

The PRCD-S can identify the external voltage on the protective earth conductor without interrupting the conductor.

The external voltage can be isolated through its own protective person and line protection switches.

### PRCD-S: Person Protection special for construction sites

#### Application and function

Protection allocator for smaller construction sites upon the recommendation of the German Industrial Injuries Cooperation for precision engineering and electronic (ZH 1/271) as well as for all portable electric devices.

- Packed format for heavy duty
- Direct connection to power cables of electric devices
- Independent from the used outlet system
- Large and easy to use ON and OFF button
- Additional optical position indication
- Under voltage release

#### Scope of protection

- When a failure appears in the connected electric device, protection according to DIN VDE 0661 Emerging fault current from a damaged device results in the all poles cut-off through the PRCD-S.
- When there is a bug in the construction.  
The PRCD-S detects all bugs in fixed installations and will not switch on.

Version	Color	Art. No. packed	Packing	Price/€*
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#### Person protection switch PRCD-S 230 V, 16 A 30 mA extension, IP 44

**With earth conductor control.** Portable protection device with cable H07RN-F3G1,5 mm<sup>2</sup>

Side 1: Rubber angle plug with double earthing

Side 2: Rubber coupling with lid; IP 44; packed in stable case.

Cable length Plug – PRCD-S: 0,15 m PRCD-S – coupling: 3,00 m	black	919.014	1	205,00
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#### Portable protection switch device PRCD-S 230 V, 16 A 30 mA extension, IP 44

**With earth conductor control.** Portable protection device with cable H07RN-F3G1,5 mm<sup>2</sup>

Side 1: Rubber angle plug with double earthing

Side 2: Rubber coupling with lid; IP 44; packed in stable case.

Cable length Plug – PRCD-S: 0,15 m PRCD-S – coupling: 3,00 m	black	919.015	1	238,00
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#### PRCD-S 230 V, 16 A, 30 mA, IP 55

**With earth conductor control.** Diameter 1 mm<sup>2</sup> – 2,5 mm<sup>2</sup>. Quality marks: BG, Köln SEV, VDE, GS

PRCD-S Rated current 30 mA	black	919.016	1	158,00
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#### Person protection switch IP 55, 16 A / 250 ~ max. 3 600 W, PRCD

Reaction time < 30ms / 2 phases, 2 pole cut-off (L,N) with under voltage release. The protective earth conductor is not interrupted, according to the IEC standard, max. 3600 W, 16 A, 250 V, 50Hz. Quality marks: T+V GS / KEMA approved according to : EN 61008-1-1994+A2+A11, EN 61008-2-1/08.94, IEC 884-1/06.94, IEC 884-1/A1/12.94

< 10 mA release current	black	919.190	1	62,79
< 30 mA release current	black	919.189	1	62,79

#### German type extension with PRCD 919.189

H07BQ-F 3G1,5 mm<sup>2</sup>, length: 3.0 m with mounted PRCD 919.189 after 1,50 m

Side 1: monted plug 913.173, Side 2: mounted coupling 919.177, individually packed in polybag

-	black/orange	341.880	1	81,90
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**NEW**



**NEW**



**NEW**



## PRCD



**ENERGY  
MONITOR**

Color	Art. No.	Packing	Price/€*
<b>Energy monitor</b>			
Voltage: 200 V-250 V, Release: 1V, precision: 0,5 % +-3 Digit. Indication of: power consumption (kWh), effective power (w), input of power swell (v), turn-on period.			
white	852.982	1	42,00

**NEW**



<b>Mechanical timer, 24 h, 16 A / 230 V~</b>			
Plastic housing with integrated child protection. Simple usage, user manual included. 230 V, 3,500 W. Manual switching possible. Minimal switching time span 15 minutes. 96 on – off times per day (24 h).			
white	852.101	1	4,99

**TIMER**



<b>Splash proof version, 24 h (IP 44), 16 A / 230 V~</b>			
With transparent lid and integrated child protection. Useable in rooms with high humidity. Temperature range: -25 up to 55 °C. Simple usage, user manual included. 230 V, 3,500 W. Manual switching possible. Minimal switching time span 15 minutes. 96 on – off times per day (24 h).			
white	852.102	1	7,99



<b>Digital timer, 16 A / 230 V~</b>			
Plastic housing with LCD display and integrated child protection. Simple usage, user manual included. Integrated rechargeable battery (1.2 V), 230 V, 3,500 W. Minimal switching time span 1 minute. Daily and weekly programs possible. Built in random generator, reset button.			
white	852.103	1	9,99



\* Non binding price suggestion, without VAT, per piece

# TRAVEL ADAPTER



Color	Art. No. unpacked	Packing	Price/€*	Art. No. individually packed	Packing	Price/€*
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**Travel adapter for appliance use abroad!  
The adapter does not change voltages!  
Not suitable for permanent use!**

### Travel adapter, 10/16 A / 250 V~ TÜV/GS

Adapter with earth protection, integrated security holding button (red).  
The individual country adapters are freely exchangeable.

Easy handling. Protection class 1.

Suitable for:	Red	Switzerland
	Green	Italy, Greece, Chile
	Blue	UK, Ireland, Middle East, Common Wealth, Africa, Aisa
	Black	USA, Canada, Middle and South America, South East Asia, Japan, GUS
	Yellow	Australia, New Zealand and partly China

multi color				914.670	20	14,70
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### Travel adapter, 3 pole, 15 A / 125 V~ US/German Type

Plug pin side: US 15 A / 125 V  
Outlet side: German type outlet

white	921.004 ⚠	10	7,19			
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### Travel adapter, 3 pole, 10 / 16 A / 250 V~ French type/German Type

Plug pin side: France, Belgium, Czech Republic, Poland  
Outlet side: German type outlet

white	921.005 ⚠	10	5,57			
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### Travel adapter, 3 pole, 10 A / 250 V~ max. 1500 W Italy type/German Type

Plug pin side: Italy, Spain  
Outlet side: German type outlet

white	921.006 ⚠	50	3,90			
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### Travel adapter, 2 pole, 13 A / 250 V~ UK/Europe and contour plug

Plug pin side: UK with integrated 13A fuse, exchangeable  
Too suitable for: Ireland/Malt/Cypress/Hong Kong  
Outlet side: Euro contour plug

white	921.008 ⚠	10	3,36			
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### Travel adapter, 3 pole, 13 A / 250 V~ UK/German type

Plug pin side: UK with integrated 13A fuse, exchangeable  
Too suitable for: Ireland/Malt/Cypress/Hong Kong  
Outlet side: German type outlet

white	921.010 ⚠	10	7,56			
-	900.1077	spare fuse / 13-A-fine fuse				2,89

### Travel adapter, 3 pole, 10 A / 250 V~ Switzerland/German type

Plug pin side: Switzerland  
Outlet side: German type outlet

white	921.011	100	6,20			
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### Travel adapter, 3 pole, 10 A / 250 V~ Australia/German type

Plug pin side: Australia  
Outlet side: German type outlet

white	921.014	10	7,25			
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# TRAVEL ADAPTER

Color	Art. No. unpacked	Packing	Price/€*
<b>Travel adapter-Set</b>			<b>Attention! Only for 2 pole (no earth)</b>
Set with 3 different plug adapters, 2 pole 1. Suitable for southern Europe: France, Spain, Italy, Greece, Poland, Czech Republic, Turkey 2. Suitable for America: USA, Canada, Middle and South America, Far East, Asia 3. Suitable for old British system: Africa, India, Sri Lanka, Hong Kong, Caribbean, China			
white	914.270	25	4,80
<b>Travel adapter, individual</b>			<b>Attention! Only for 2 pole (no earth)</b>
Individual, 2 pole adapter 1. Suitable for southern Europe: France, Spain, Italy, Greece, Poland, Czech Republic, Turkey			
white	914.271	25	1,52
2. Suitable for America: USA, Canada, Middle and South America, Far East, Asia			
white	914.272	25	1,70
3. Suitable for old British system: Africa, India, Sri Lanka, Hong Kong, Caribbean, China			
white	914.273	25	1,68
<b>For the use of appliances from abroad with the German type system! The adapters are no transformers! Not suitable for permanent use!</b>			
<b>Travel adapter, 2- and 3 pole, 10 / 16 A / 250 V~</b>			<b>German type/universal</b>
Plug pin side: German type/France/Belgium, with double earth Outlet side: Universal, for all current plugs worldwide, with child protection			
grey	921.000 ⚠	10	11,03
<b>Travel adapter, 3 pole, 15 A / 125 V~</b>			<b>German type/US</b>
Plug pin side: German type/France/Belgium, with double earth Outlet side: US 15 A/125 V			
white	921.003 ⚠	10	6,09
<b>Travel adapter, 3 pole, 10 / 16 A / 250 V~</b>			<b>German type/french type</b>
Plug pin side: German type Outlet side: France/Belgium/Czech Republik/Slovakia/Poland			
white	921.002 ⚠	25	4,88
<b>Travel adapter, 3 pole, 10 A / 220 V~max. 2200 W</b>			<b>German type/UK</b>
Plug pin side: German type/France/Belgium Outlet side: UK, with child protection			
white	921.001 ⚠	10	4,99
<b>Travel adapter, 3 pole, 10 A / 250 V~</b>			<b>German type/Switzerland</b>
Plug pin side: German type Outlet side: Switzerland			
white	921.012	10	5,36
<b>Travel adapter, 3 pole, 10 A / 250 V~</b>			<b>German type/Italy</b>
Plug pin side: German type Outlet side: Italy			
white	921.013	10	8,50



\* Non binding price suggestion, without VAT, per piece

⚠ Info product, this product is not ex stock, delivery time on request.



**CABLE REELS**



Length	Color	Art. No. individually packed	Packing	Price/€*
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**Appliance cable reel with thermal switch** Plastic

Appliance cable reel with thermal cut off switch

**Cable H05VV-F 3G1,50 mm<sup>2</sup>, straight plug with double German type**

25 m	red – security color	397.001	1	48,00
50 m	red – security color	397.002	1	64,00

**Cable H07RN-F 3G1,50 mm<sup>2</sup>, straight plug, IP 44 rubber / neoprene – for outdoor use and on construction sites**

25 m	red – security color	397.000	1	68,00
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**Empty drum large: up to max. 50 m H05VV-F 3G1,50 mm<sup>2</sup>, side wheel diameter 290 mm**

-	black	397.003	1	22,00
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**Cable reel , 4way, 16 A / 250 V-**

4 German type outlets 250 V-, without lid, IP 20, integrated 1 pole thermal protective switch



**Plastic-version, cable H05VV-F 3G1,50 mm<sup>2</sup>, straight plug with double German type system**

25 m	black	392.180	1	37,00
50 m	black	392.181	1	54,00

**Cable H05RR-F 3G1,50 mm<sup>2</sup>, straight plug**

25 m	black	395.180	1	52,00
50 m	black	395.181	1	84,00

**Empty drum large: up to max. 50 m H05RR-F 3G1,50 mm<sup>2</sup>, side wheel diameter 280 mm**

-	black	396.181	1	19,80
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**Steel-version, Cable H05VV-F 3G1,50 mm<sup>2</sup>, straight plug with double German type**

25 m	black	398.183	1	58,00
50 m	black	398.184	1	72,00

**Cable H05R R-F 3G1,50 mm<sup>2</sup>, straight plug German Type**

25 m	black	398.181	1	66,00
50 m	black	398.182	1	98,00

**Cable H07RN-F 3G1,50 mm<sup>2</sup>, straight plug German Type**

40 m	black	398.185	1	98,00
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**Empty drum large, side wheel diameter 290 mm**

-	black	396.182	1	33,00
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**Cable reel , 3way, 16 A / 250 V-**

3 German type outlets 250 V-, with lid, splash proof, IP 44, integrated 1 pole thermal cut off switch. For outdoor use and on construction sites.



**Plastic-version, Cable H07RN-F 3G1,50 mm<sup>2</sup>, straight plug German Type**

25 m	black	392.182	1	76,00
40 m	black	392.183	1	98,00

**Empty drum: up to max. 40 m, side wheel diameter 280 mm**

-	black	396.183	1	30,00
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**Steel-version, Cable H05RR-F 3G1,50 mm<sup>2</sup>, straight plug German Type**

50 m	black	398.186	1	96,00
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**Cable H07RN-F 3G1,50 mm<sup>2</sup>, straight plug German Type**

40 m	black	398.180	1	98,00
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**Empty drum: up to max. 40 m, side wheel diameter 280 mm**

-	black	396.187	1	40,00
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**CABLE REELS**

Professional cable reels with lid, splash proof, IP 44, integrated thermal cut off switch. For outdoor use and on construction sites.

Length	Color	Art. No. individually packed	Packing	Price/€*
<b>Professional cable reel, 3way, 16 A / 250 V~</b>				Special plastic
3 German type outlets 250 V~, with lid, integrated 1 pole thermal cut off switch double tube stand and cable reel body made of special shock resistant plastic.				
<b>Cable H07RN-F 3G1,50 mm<sup>2</sup>, straight plug</b>				
25 m	black	399.181	1	90,00
40 m	black	399.182	1	112,00
<b>Empty drum: up to max. 40 m H07RN-F 3G1,50 mm<sup>2</sup>, side wheel diameter 280 mm</b>				
-	black	396.184	1	46,00
<b>Professional cable reel, 4way, 16 A / 250 V~</b>				Hard plastic
4 German type outlets 250 V~, with lid, integrated 1 pole thermal cut off switch double tube stand and cable reel body made of unbreakable hard rubber.				
<b>Cable H07RN-F 3G1,50 mm<sup>2</sup>, straight plug</b>				
25 m	black	399.187	1	168,00
50 m	black	399.188	1	216,00
<b>Cable H07RN-F3G2,50 mm<sup>2</sup>, straight plug</b>				
50 m	black	399.189	1	250,00
<b>Empty drum</b>				
-	black	396.188	1	120,00
<b>Professional cable reel, 3way, 16 A / 400 V~</b>				Special plastic
1 CEE outlet 16 A / 400 V and 2 German type outlets 250 V~, with lid, integrated 3 pole thermal cut off switch double tube stand and cable reel body made of special shock resistant plastic.				
<b>Cable H07RN-F 5G1,50 mm<sup>2</sup>, CEE plug 16 A / 400 V</b>				
25 m	black	399.180	1	147,00
<b>Professional cable reel, 3way, 16 A / 400 V~</b>				Hard plastic
1 CEE outlet 16 A / 400 V and 2 German type outlets 250 V~, with lid, integrated 3 pole thermal cut off switch. Double tube stand and cable reel body made of unbreakable hard rubber.				
<b>Cable H07RN-F 5G2,50 mm<sup>2</sup>, CEE plug 16 A / 400 V</b>				
25 m	black	399.183	1	258,00
40 m	black	399.186	1	310,00
<b>Empty drum</b>				
-	black	396.185	1	124,00
<b>Spare parts for cable reels</b>				
<b>Thermal protective switch, 1 pole – for all cable reel on pages 56 – 58</b>				
-	red	900.180	1	5,47
<b>Thermal protective switch, 3 pole – for all CEE-Cable reel on pages 57 – 58</b>				
-	red	900.181	1	23,10
<b>Socket outlet, 4way with thermoprotection</b>				
-	black	900.187	1	11,81
<b>Socket outlet, 3way with lid</b>				
-	red	910.105	1	18,00
<b>Socket outlet, 2way with lid, 1 CEE socket outlet 16 A / 400 V without thermal protective switch</b>				
-	black	910.106	1	31,90



## CABLE- REELS



### Cable reel with cube stand

Full protection cable reel stand. Because of the cube stand the cable reel can be placed on the ground in any position or hung to a wall. Side wheels made of steel, zinc plated. Tested according to EN 61242.  
Max. rating: 3,500 W unrolled and 1,000 W with cable on reel

2 sizes available: 240 and 300 mm

### Cable reel, 3way, 16 A / 250 V~

Steel

3way German type outlet 250 V~ with lid, splash proof IP 44 and integrated 1 pole thermal cut off switch. 80 mm size, flange diameter 330 mm / tube diameter 25 mm

#### Cable H07RN-F 3G2,50 mm<sup>2</sup>, black, Straight plug

50 m	silver	398.000	1	172,00
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#### Empty drum

-	silver	398.001	1	55,00
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### Cable reel, 3way, 16 A / 400 V~

Steel

1 CEE outlet 16 A/400 V~ and 2way German type outlet 250 V~ with lid, splash proof IP 44 and integrated 3 pole thermal cut off switch. 80 mm size, flange diameter 330 mm / tube diameter 25 mm

#### Cable H07RN-F 5G1,50 mm<sup>2</sup>, black, CEE plug 16 A

40 m	silver	398.007	1	184,00
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#### Cable H07RN-F 5G2,50 mm<sup>2</sup>, black, CEE plug 16 A

25 m	silver	398.002	1	178,00
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#### Empty drum

-	silver	398.003	1	72,00
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### Cable box, 4way, 16 A / 250 V~

Plastic

4way German type outlet with integrated 1 pole thermal cut off switch, highly shock resistant with handle and turning know. Max. rating 3500 W unrolled, 800 W with cable inside box

#### Cable H05VV-F 3G1,50 mm<sup>2</sup>, right angle German type plug

5 m	black/blue	393.005	1	15,80
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### Cable box, 4way, 16 A / 250 V~

Plastic

4way German type outlet with integrated 1 pole thermal cut off switch, with handle and turning know. Max. rating 3500 W unrolled, 1200 W with cable inside box

#### Cable H05VV-F 3G 1,50 mm<sup>2</sup>, right angle German type plug

10 m	black	393.002	1	17,85
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### Cable box, 4way, 16 A / 250 V~

Plastic

4way German type outlet with integrated 1 pole thermal cut off switch, highly shock resistant with handle and turning know. Max. rating 3500 W unrolled, 1,000 W with cable inside box

#### Cable H05VV-F 3G1,50 mm<sup>2</sup>, right angle German type plug

20 m	black/blue	393.006	1	34,00
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### Cable box, 4way, 16 A / 250 V~

Plastic

4 German type outlets with integrated thermo protection switch, 1 pole

#### Cable H05VV-F 3G1,50 mm<sup>2</sup>

15 m	black	392.184	1	25,00
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**EXTENSIONS**

Length	Color	Art. No. individually packed	Packing	Price/€*
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**Euro extension cord, 2,5 A / 250 V~, PVC, 70°C**

Side 1: Euro plug, mounted  
Side 2: Euro coupling, mounted

Cable H03VVH2-F 2 x 0,75 mm <sup>2</sup> flat cable				
2 m	black	233.184	20	2,89
2 m	white	233.284	20	2,89
3 m	black	233.185	20	3,47
3 m	white	233.285	20	3,47
5 m	black	233.186	20	4,73
5 m	white	233.286	20	4,73



**German type extension cord 16 A / 250 V~, PVC, 70°C**

Side 1: German type right angle plug, moulded  
Side 2: German type coupling, moulded

Cable H05VV-F 3G1,00 mm <sup>2</sup>				
2 m	black	340.184	50	3,15
2 m	white	340.284	50	3,15
Cable H05VV-F 3G1,50 mm <sup>2</sup>				
2 m	black	341.184	50	3,60
2 m	white	341.284	50	3,60
2 m	brown	341.484	50	3,60
3 m	black	341.185	50	4,26
3 m	white	341.285	50	4,26
3 m	brown	341.485	50	4,26
4 m	black	341.187	50	5,38
4 m	white	341.287	50	5,38
5 m	black	341.186	50	6,14
5 m	white	341.286	50	6,14
5 m	brown	341.486	50	6,14
7,5 m	black	341.188	20	8,32
7,5 m	white	341.288	20	8,32
10 m	black	341.189	15	10,94
10 m	white	341.289	15	10,94
10 m	brown	341.489	15	10,94
15 m	black	341.181	10	15,48
15 m	white	341.281	10	15,48
Additional with child protection in the coupling				
2 m	white	341.200S	50	2,99
3 m	white	341.201S	50	3,92
5 m	white	341.202S	30	5,32
10 m	white	341.203S	20	9,66



Cable H05VV-F 3G1,50 mm <sup>2</sup> , in security color orange				
10 m	orange	341.879	1	12,50
25 m	orange	341.870	1	30,40
50 m	orange	341.871	1	55,00

## EXTENSIONS



Length	Color	Art. No. unpacked	Packing	Price/€*	Art. No. individually packed	Packing	Price/€*
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### German type extension cord, 16 A / 250 V~, rubber, 70°C

Side 1: German type straight plug with double earth. Side 2: German type-coupling with lid

<b>Cable H05RR-F 3G1,50 mm<sup>2</sup></b>							
10 m	black				343.179	1	16,50
25 m	black				343.177	1	33,00
50 m	black				343.178	1	59,80

### German type extension cord, 16 A / 250 V~, IP 44, rubber/neoprene, 70°C

Side 1: German type straight plug with double earth. Side 2: German type-coupling, with lid. Heavy duty version for outdoor use and for construction sites.

<b>Cable H07RN-F 3G1,50 mm<sup>2</sup></b>							
5 m	black				343.170	1	11,80
10 m	black				343.171	1	17,80
25 m	black				343.172	1	41,80
50 m	black				343.173	1	75,80
<b>Cable H07RN-F 3G2,50 mm<sup>2</sup></b>							
10 m	black				343.191	1	27,00
25 m	black				343.192	1	59,00



### German type extension cord, 16 A / 250 V~, IP 44, rubber/neoprene, 70°C

With 3way rubber German type coupling, with lid (IP 44). Side 1: German type straight plug with double earth Side 2: 3way rubber German type coupling, with lid and standardized clip in function

<b>Cable H07RN-F 3G1,50 mm<sup>2</sup></b>							
5 m	black				343.174	1	48,00
10 m	black				343.175	1	55,00
25 m	black				343.176	1	73,00

### Full rubber 3 way coupling with lid, 16 A / 250 V~, IP 20

IP 20, DIN 49 440-2-AR1, temperature range -40 °C up to 70 °C

Full rubber inserts with earth protection, solid industrial product with lid and hanger, standardized clip in function, strain relief, screw terminal block. For permanent outdoor use and construction sites.

<b>Mounting with cable until H07RN-F 3G2,50 mm<sup>2</sup></b>							
-	black	913.170	1	38,85			



### Lawn mower extension cord, 16 A / 250 V~, rubber/neoprene, 70°C

Side 1: German type straight plug. Side 2: German type coupling with lid

<b>Cable H07RN-F 3G1,50 mm<sup>2</sup></b>							
15 m	red				343.373	1	28,00
25 m	red				343.370	1	42,00
35 m	red				343.372	1	58,00
50 m	red				343.371	1	79,00



### 4way-power strip, 16 A / 250 V~, IP 44

Plastic version with lid and strain relief, splash proof IP 44

<b>Without Cable</b>							
-	signal red				349.000	1	9,60
<b>Cable H07RN-F 3G1,50 mm<sup>2</sup>, with Straight plug</b>							
10 m	signal red				349.002	1	42,00



### Cable safe box, IP 44

Offers perfect protection for connections of power cords. Child protection and water proof. Ideal for outdoor use. Protects connections for Christmas or outdoor illuminations. Ideal also for camping and working with i.e. lawn mowers. For permanent outdoor use and for construction sites.

<b>Maximum cable cross section: 9 mm. Inside dimensions: Length: 180 mm, Diameter: 60 mm</b>							
-	orange				919.371	1	3,94



Length/ Amps	Color	Art. No. unpacked	Packing	Price/€*	Art. No. individually packed	Packing	Price/€*
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### CEE-extension cord, 16 A / 400 V~, rubber/neoprene, IP 44, 70°C

Side 1: CEE plug 16 A, 6 h, 400 V. Side 2: CEE coupling 16 A, 6 h, 400 V.  
For outdoor use and on construction sites.



<b>Cable H07RN-F 5G1,50 mm<sup>2</sup></b>							
5 m	black				344.170	1	32,00
10 m	black				344.171	1	45,00
25 m	black				344.172	1	82,00
<b>Cable H07RN-F 5G1,50 mm<sup>2</sup>, with phase shifter</b>							
10 m	black				344.174	1	59,00
25 m	black				344.175	1	96,00
<b>Cable H07RN-F 5G2,50 mm<sup>2</sup></b>							
5 m	black				347.170	1	35,00
10 m	black				347.171	1	53,00
25 m	black				347.172	1	104,00

### CEE-extension cord, 32 A / 400 V~, rubber/neoprene, IP 44, 70°C

Side 1: CEE plug 32A, 6 h, 400 V. Side 2: CEE coupling 32 A, 6 h, 400 V.  
For outdoor use and on construction sites.



<b>Cable H07RN-F 5G2,50 mm<sup>2</sup> (max. 22 A)</b>							
5 m	black				345.170	1	43,00
10 m	black				345.171	1	59,00
25 m	black				345.172	1	119,00
<b>Cable H07RN-F 5G4,00 mm<sup>2</sup></b>							
5 m	black				346.170	1	57,00
10 m	black				346.171	1	84,00
25 m	black				346.172	1	166,00
<b>Cable H07RN-F 5G6,00 mm<sup>2</sup></b>							
10 m	black				348.171	1	94,00
25 m	black				348.172	1	210,00

### CEE plug, 400 V / 6 h / 5 pole, IP 44, according to IEC 309

Polycarbonate version with strain relief, splash proof. For mounting by qualified electrician!



16 A	red	913.176	1	3,78			
32 A	red	913.177	1	5,30			

### CEE-coupling, 400 V / 6 h / 5 pole, IP 44, according to IEC 309

Polycarbonate version with strain relief, splash proof. For mounting by qualified electrician!



16 A	red	913.178	1	5,20			
32 A	red	913.179	1	6,30			

### CEE-wallet outlet, 400 V / 6 h / 5 pole, IP 44, according to IEC 309

Polycarbonate version with strain relief, splash proof. For mounting by qualified electrician!



16 A	red	913.370	1	5,88			
32 A	red	913.371	1	7,35			

### CEE-wall combination outlet, 400 V / 5 pole, IP 44, according to IEC 309

1 x CEE wall outlet 400 V and 1 x German type outlet 250 V, polycarbonate version with strain relief, splash proof.  
For mounting by qualified electrician!



16 A	red	910.002	1	16,80			
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## CEE-MATERIAL



Art. No. individually packed	Packing	Price/€*
<b>CEE-Adapter, 400 V~, IP 44</b>		
Highly shock resistant plastic version, splash proof. For outdoor use and on construction sites, incl. hanging bow!		
Entry: 1 x CEE plug 16 A / 400 V~ Exit: 1 x CEE-outlet 32 A / 400 V~		
349.012	1	30,00
Entry: 1 x CEE plug 32 A / 400 V~ Exit: 1 x CEE-outlet 16 A / 400 V~		
Fuses: 3 fuses 10 A		
349.183	1	79,00
Entry: 1 x CEE plug 16 A / 400 V~ Exit: 1 x CEE-outlet 16 A / 400 V~ 1 x CEE-outlet 32 A / 400 V~ 2 x German type outlets 250 V~		
349.006	1	48,00
Entry: 1 x CEE plug 32 A / 400 V~ Exit: 1 x CEE-outlet 16 A / 400 V~ 1 x CEE-outlet 32 A / 400 V~ 1 x German type outlet 250 V~		
Fuses: 3 fuses 10 A		
349.007	1	80,00
Entry: 1 x CEE plug 16 A / 400 V~ Exit: 3 x German type outlets 16 A / 250 V~		
349.028	1	34,00
Entry: 1 x CEE plug 16 A / 400 V~ Exit: 3 x CEE-socket outlet 16 A / 400 V~		
349.033	1	36,00
Entry: 1 x CEE plug 16 A / 400 V~ Exit: 1 x CEE-outlet 16 A / 400 V~ 2 x German type outlets 16 A / 250 V~		
349.029	1	35,00
Entry: 1 x CEE plug 16 A / 400 V~ 1,50 m H07RN-F 5G1,50 mm <sup>2</sup> cable Exit: 3 x German type outlets 16 A / 250 V~		
screws / rewirable		
349.027	1	48,00
Entry: 1 x CEE plug 16 A / 400 V~ 1,50 m H07RN-F 5G1,50 mm <sup>2</sup> cable Exit: 3 x CEE-socket outlet 16 A / 400 V~		
screws / rewirable		
349.035	1	54,00

### Spare parts

- Fuse base for CEE-adapter 900.1086
- Fuse holder for CEE-adapter 900.1061
- Micro fuse

Art. No. individually packed	Packing	Price/€*
<b>CEE-distribution box, 250 V / 400 V~, IP 44</b>		
Highly shock resistant special plastic version, splash proof. Ideal for mobile working outdoor and on construction sites. Convenient with cable storage and integrated handle.		
Entry: 1 x CEE plug 16 A / 400 V~ 2,00 m H07RN-F 5G2,50 mm <sup>2</sup> cable		
Exit: 2 x CEE-outlets 16 A / 400 V~ 4 x German type outlets 16 A / 250 V~		
349.008	1	94,50
Entry: 1 x CEE plug 32 A / 400 V~ 4,00 m H07RN-F 5G2,50 mm <sup>2</sup> cable		
Exit: 1 x CEE-outlet 32 A / 400 V~ 1 x CEE-outlet 16 A / 400 V~ 4 x German type outlets 16 A / 250 V~		
Fuses: 1 x C16A-automat, 3 pole 2 x C16A-automat, 1 pole		
349.009	1	199,50
Entry: 1 x CEE plug 32 A / 400 V~ 4,00 m H07RN-F 5G2,50 mm <sup>2</sup> cable		
Exit: 1 x CEE-outlet 32 A / 400 V~ 1 x CEE-outlet 16 A / 400 V~ 4 x German type outlets 16 A / 250 V~		
Fuses: 1 x person protection 40 A / 0,03 A / 4 pole over all exits 1 x C16A-automat, 3 pole 2 x C16A-automat, 1 pole		
349.010	1	339,00
<b>Full rubber distribution box, IP 44</b>		
Entry: 1 x CEE plug 32 A / 400 V~ 2,00 m H07RN-F 5G6,00 mm <sup>2</sup> cable		
Exit: 1 x CEE-outlet 32 A / 400 V~ 2 x CEE-outlet 16 A / 400 V~ 3 x German type outlets 16 A / 250 V~		
Fuses: 1 x line protection 16 A, 3 pole 3 x line protection 16 A, 1 pole 1 x person protection 40 A / 0,03 A / 4 pole over all exits		
349.020	1	498,00
<b>5way-power strip, 16 A / 250 V~, IP 41</b>		
Plastic version with lid and strain relief, drop water proof, with 2 pole illuminated rocker switch		
Cable H05VV-F 3G1,50 mm <sup>2</sup> , 10 m, signal red, with German type right angle plug		
349.003	1	25,00
Cable H07RN-F 3G1,50 mm <sup>2</sup> , 10 m, signal red, with German type straight plug		
349.004	1	44,00
<b>Full rubber distribution box, 16 A / 250 V~, IP 44</b>		
Entry: 1 x full rubber German type plug 2 m H07RN-F 3G2,50 mm <sup>2</sup> cable		
Exit: 6 x German type outlets		
349.185	1	137,00
<b>Full rubber distribution box, 16 A / 250 V / 400 V~, IP 44</b>		
Entry: 1 x CEE plug 16 A / 400 V~ 2,00 m H07RN-F 5G2,50 mm <sup>2</sup> cable		
Exit: 1 x CEE-outlet 16 A / 400 V~ 3 x German type outlets 16 A / 250 V~		
349.184	1	118,00





## MOBILE LAMPS



Power/ Length	Color	Art. No. unpacked	Packing	Price/€*	Art. No. individually packed	Packing	Price/€*
<b>Professional stick lamp with energy saving lamp, 250 V~, IP 54</b>							Rubber

11 W Energy saving lamp, changeable, comfortable light.  
Oil resistant rubber material with shock resistant protection tube.  
Integrated reflector and rigid hook.  
5 m H05RN-F 2x 1.00 mm<sup>2</sup> rubber cable with contour plug.  
Splash and dust proof version, IP 54, class II, double isolation.  
TÜV/GS approved. Inclusive light bulb.

11 W	black				720.006	1	25,20
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### Stick lamp, 8 W, IP 40

8 W fluorescent lamp, not exchangeable, with integrated reflector.  
Electric transformer built in the handle, 50 Hz.  
Plastic housing with shock resistant protection tube and turnable hook.  
5 m H05VV-F 2x 0.75 mm<sup>2</sup> cord with Euro plug 2.5 A,  
TÜV/GS approved, IP 40. Inclusive light bulb.

8 W	black				394.184	1	10,82
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### Rubber hand lamp, 100 W, all use lamp, IP 44

100 W E27 bulb, 250 V, changeable, with protection glass.  
Oil resistant rubber version with metal basket and integrated hook.  
TÜV/GS approved. Without light bulb.  
5 m cable H05RN-F 2x 0.75 mm<sup>2</sup> with plug, IP 44, class II, double isolated.

100 W	black				394.183	1	14,07
<b>Without cable, IP 40</b>							
100 W	black				394.187	1	9,71
Spare glass					910.1011	1	2,20



### Garden outlets with earth pike, 16 A / 230 V~, IP 44

2 German type outlets 230 V~ with lid, splash proof.

<b>Cable H05RN-F 3G1,00 mm<sup>2</sup> with straight plug</b>							
2 m	black	394.180	1	11,80			

4 German type outlets 230 V~ with lid, splash proof.

<b>Cable H05RN-F 3G1,50 mm<sup>2</sup> with straight plug</b>							
1,4 m	black	394.182	1	19,80			



### Halogen lamp 150 W with earth pike, 16 A / 230 V~, IP 44

Aluminium cast housing with cooling surface, with bulb 150 W R7S.  
Turnable lamp holder.

<b>Cable H05RN-F 3G1,00 mm<sup>2</sup> with straight plug</b>							
1,5 m	black	394.181	1	17,80			



### E27-lamp holder with earth pike, 16 A / 230 V~, IP 44

Plastic housing with seal, splash proof,  
to be used only with PAR38 bulb 80 W (not included).  
Turnable lamp holder.

<b>Cable H05RN-F 2 x 1,00 mm<sup>2</sup> with contour plug</b>							
2 m	black	720.000	1	9,50			

## MOBILE LAMPS

Power	Color	Art. No. packed	Outlets	Packing	Price/€*
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### Professional working lamp with energy saving bulbs , IP 44

Energy saving bulbs exchangeable, shock resistant plastic body with oil resistant rubber frames and glass cover. Step less adjustable handle for positioning on floor or on stand 730.004.  
 2 x German type outlets 250 V on backside of housing to connect other appliances (for 720.020 and 720.021).  
 5 m H07RN-F 3G1.50 mm<sup>2</sup> rubber cable and rubber plug.  
 Splash proof and dust proof version. IP 44, class II, double isolated.  
 TÜV/GS approved. Dimension 55 x 29 x 11 cm, weight : 5.5 kg  
 Inclusive bulbs 4,000 Kelvin, shadow free and comfortable light.  
 Version: 72 (2x 36 W) 5800 lumens or 108 (3x 36 W) 8700 lumens  
 i.e. for use at work shops, craftsmen, ideal for outdoor use and on construction sites.  
 Easy assembly on stand.


36 W	black	720.022	-	1	120,00
72 W	black	720.020	2	1	139,00
108 W	black	720.021	1	1	199,00

### Professional stand: up to 2,5 m height, zinc plated

Solid 3 foot version, zinc plated, with mounting base and fixing screws, convenient cable hook.  
 Adjustable up to 2.5 m height, weight 6 kg. Stand load to 5 kg

	silver	730.004		1	59,00
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### Set with 3 wheels for stand with rubber tires, included mounting screws

		730.011 		1	29,00
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### Halogen mobile light, 500 W

500 W R7S bulb included,  
 Aluminium cast housing with cooling surface, adjustable stand with handle  
 2 m H05RN-F 3G1.00 mm<sup>2</sup> cable with plug, IP 54, TÜV /GS-approved.

500 W		720.013		1	14,80
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### Halogen with stand 1 x 500 W

500 W R7S-bulb included. Aluminium diecast body with cooling fins.  
 Height to: 2 m. With easy cable rolling. Stand with aluminium diecast articulation.  
 IP 54, for use outside.  
 2,5 m. H05RN-F 3G1,00 mm<sup>2</sup> with plug. Stand load 5 kg to 7 kg

500 W		722.009		1	35,00
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## ILLUMINATION MATERIAL



**NEW**



**NEW**

Length	Color	Art. No.	Packing	Price/€*
<b>Light chain with plug and end piece, 16 A / 250 V~, DIN 49 440</b>				
For outdoor use, free installation, outside the reach of persons, suitable for illumination lamp holders with small mechanical stress. Outside dimensions about 5,20 x 13,20 mm, inclusive rubber plug and end piece with hook.				
<b>With 10 lamp holders E27 without bulb</b>				
10 m	green	740.005 (individually packed)	1	39,00
<b>With 20 lamp holders E27 without bulb</b>				
20 m	green	740.006 (individually packed)	1	68,00
<b>With 200 lamp holders E27 without bulb, without plug and end piece</b>				
100 m	green	740.014 (unpacked)	1	308,00
<b>Illu-cable as cut goods: illumination-cable H05RNH2-F 2 x 1,50 mm<sup>2</sup> rings, in polybag</b>				
50 m	green	740.007 (unpacked)	1	58,00
100 m	green	740.008 (unpacked)	1	110,00
<b>Professional light chain E 27, complete set</b>				
BL-10 M-230 VCL. Rubber flat cable with E 27 lamp holders. 10 lamps. Bulb 15 W included. 230 V, 150 W				
10 m	Green cable Bright lamps	MK 112-019	1	30,80
<b>Professional light chain E 27, complete set</b>				
BL-10 M-230 VMC. Rubber flat cable with E 27 lamp holders. 10 lamps. Bulb 15 W included. 230 V, 150 W				
10 m	Green cable Multicolor lamps	MK 112-021	1	30,80

**ILLUMINATION  
MATERIAL**

Length	Color	Art. No. unpacked	Packing	Price/€*
<b>Illumination holder E27</b>				
For outdoor use, warmth and weather resistant thermoplast, splash proof connection with seal. Seals must be ordered separately (740.001).				
E27, max. 40 W/class II/IP 44/bis 165°C without seal, VDE	black	740.000	1	0,75
E27-holder inclusive seal	black	740.013	10	0,99
<b>Illumination holder with fastening base</b>				
For fixation on solid ground, distance of fixing screws 40 mm. For outdoor use, seals must be used. Seals must be ordered separately.				
E27		black	740.011	0,85
E14		black	740.010	1,25
<b>Seal for Illumination holder</b>				silicon
For lamp holders of light chain for outdoor use. Splash proof when bulbs are turned down				
E27		black	740.001	0,30
E14		black	740.012	0,40
<b>Distributor box</b>				
For flat cable H05RN H 2 x 1,5 mm <sup>2</sup>				
-		black	740.015	5,90
<b>Full rubber right angle plug, IP 44</b>				
For flat cable, with snatching resting, surface clamps, 2way front screw connection, IP44, black				
-		black	740.017	11,35
<b>Flat cable plug for illumination cable, DIN 49 406</b>				
Full rubber version, without earth, with snatching resting, 16 A / 250 V-				
For cable H05RNH2-F 2 x 1,50 mm <sup>2</sup>		black	740.002	4,90
<b>Flat cable coupling for illumination cable, DIN 0282</b>				
With lid and hook, without earth. Only for contour plug.				
-		black	740.003	12,50
<b>End piece for illumination cable, DIN 0282</b>				
With hook. For a safe cable ending.				
-		black	740.004	4,60



## CORD SETS

Length	Color	Art. No. unpacked	Packing	Price/€*	Art. No. individually packed	Packing	Price/€*
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### Stove cable with metal clips, PVC, 70°C

Side 1: 50 mm outer jacket removed with metal clips  
 Side 2: 110 mm outer jacket removed, green-yellow 140 mm – metal clips

#### Cable H05VV-F 5G1,50 mm<sup>2</sup>, ø approx. 9,5 mm

1,5 m	white	116.270	50	2,75	116.280	50	3,15
2 m	white	116.271	50	3,50	116.281	50	3,90
3 m	white	116.272	30	4,90			

#### Cable H05VV-F 3G2,50 mm<sup>2</sup>, ø approx. 10,1 mm

1,5 m	white	118.270	50	2,90			
2 m	white	118.271	50	3,40			

#### Cable H05VV-F 5G2,50 mm<sup>2</sup>, ø approx. 11,3 mm

1,5 m	white	119.270	50	3,90	119.280	50	4,30
2 m	white	119.271	30	5,00	119.281	30	5,40
3 m	white	119.272	20	7,00	119.282	20	7,40

### Stove cable with fork terminal, PVC, 70°C

Side 1: 50 mm outer jacket removed with metal clips  
 Side 2: 110 mm outer jacket removed, green-yellow, 140 mm – fork terminal M5

#### Cable H05VV-F 5G1,50 mm<sup>2</sup>, ø approx. 10,6 mm

1,5 m	white	116.273	50	2,90			
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#### Cable H05VV-F 5G2,50 mm<sup>2</sup>, ø approx. 11,3 mm

1,5 m	white	119.273	50	4,10			
2 m	white	119.274	30	5,20			

### Warmth resistant rubber stove cable, 110°C

Side 1: 50 mm outer jacket removed with metal clips  
 Side 2: 110 mm outer jacket removed, green-yellow 140 mm – metal clips

#### Cable 4GMH4G-J 3G1,50 mm<sup>2</sup>, ø approx. 9,1 mm

1,5 m	grey				141.980	50	5,40
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#### Cable 4GMH4G-J 5G1,50 mm<sup>2</sup>, ø approx. 10,0 mm

1,5 m	grey				140.980	50	9,00
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#### Cable 4GMH4G-J 7G1,50 mm<sup>2</sup>, ø approx. 13,7 mm

1,5 m	grey				142.980	30	12,40
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#### Cable 4GMH4G-J 5G2,50 mm<sup>2</sup>, ø approx. 12,9 mm

1,5 m	grey				145.980	50	12,00
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### Stove connection, 16 A / 380 V~, DIN VDE 0606

Duroplast version above and under wall mounting. Easy and quick connection. Screw terminals 5 x 2.5 mm<sup>2</sup> and strain relief. For 55 mm wallboxes/height 22 mm

-	white	190.270	20	2,63			
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### Appliance connection, 16 A / 380 V~, DIN VDE 0606

Thermoplastic version for under wall mounting. Easy mounting because of removable terminal block and snap in lid. Screw terminals 5x 2.5 mm<sup>2</sup> and strain relief. For 55 mm wallboxes/height 14 mm.

-	white	190.271	20	2,70			
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**CORD SETS**

Length	Color	Art. No. unpacked	Packing	Price/€*	Art. No. individually packed	Packing	Price/€*
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**Euro cord set, PVC, 70°C**

Side 1: Euro plug 2,5 A, moulded

Side 2: 25 mm outer jacket removed, metal clips


**Cable H03VVH2-F 2 x 0,75 mm<sup>2</sup> flat cable approx. 3,6 x 5,6 mm**

2 m	black	202.174	100	1,73	202.184	50	2,26
2 m	white	202.274	100	1,73	202.284	50	2,26
3 m	black	202.175	100	2,21	202.185	50	2,73
3 m	white	202.275	100	2,21	202.285	50	2,73

**Cable H03VV-F 2 x 0,75 mm<sup>2</sup> round cable, ø approx. 5,0 mm**

2 m	black	201.174	100	1,94			
2 m	white	201.274	100	1,94			
3 m	black	201.175	100	2,52			
3 m	white	201.275	100	2,52			


**Euro cord set with in line switch, PVC, 70°C**

Side 1: Euro plug 2,5 A, moulded

 Side 2: 25 mm outer jacket removed, metal clips,  
1 pole in line switch – about 50 cm from side 2

**Cable H03VVH2-F 2 x 0,75 mm<sup>2</sup> flat cable approx. 3,6 x 5,6 mm**

1,8 m	black	211.174	100	2,94	211.184	50	3,50
1,8 m	white	211.274	100	2,94	211.284	50	3,50


**German type cord set with in line switch, PVC, 70°C**

Inaccessible. Switch dimension: 6 x 2,6 x 1,3 cm.

Side 1: German type right angle plug with double earth, moulded

 Side 2: 30 mm outer jacket removed, metal clips,  
1 pole in line switch – about 50 cm from side 2

**Cable H03VV-F 3G0,75 mm<sup>2</sup>, ø approx. 5,5 mm**

2 m	black	302.174	100	6,09			
2 m	white	302.274	100	6,09			


**Vacuum cleaner exchange cord, PVC, 70°C**

Side 1: Contour plug, moulded

Side 2: 30 mm outer jacket removed, metal clips


**Cable H05VV-F 2 x 0,75 mm<sup>2</sup>, ø approx. 6,4 mm**

6,3 m	black	240.177	50	6,62	240.187	20	7,14
10 m	black				240.189	20	8,93


**Contour cord set, PVC, 70°C**

Side 1: Contour plug, moulded

Side 2: 30 mm outer jacket removed with metal clips


**Cable H05VV-F 2 x 1,00 mm<sup>2</sup>, ø approx. 6,5 mm**

2 m	black	241.174	50	2,84			
2 m	white	241.274	100	2,84			
3 m	black	241.175	50	3,68			
3 m	white	241.275	50	3,68			



## CORD SETS



Length	Color	Art. No. unpacked	Packing	Price/€*	Art. No. individually packed	Packing	Price/€*
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### German type cord set, 10 / 16 A / 250 V~, PVC, 70°C

Side 1: German type right angle plug with double earth, moulded  
Side 2: 30 mm outer jacket removed, metal clips

#### Cable H03VV-F 3G 0,75 mm<sup>2</sup>, ø approx. 5,5 mm

2 m	black	301.174	100	3,15	301.184	50	3,68
2 m	white	301.274	100	3,15	301.284	50	3,68
2 m	grey	301.974	100	3,47			
3 m	black	301.175	100	3,89			
3 m	white	301.275	100	3,89			

#### Cable H05VV-F 3G 1,00 mm<sup>2</sup>, ø approx. 7,0 mm

2 m	black	304.174	100	3,47	304.184	50	3,99
2 m	white	304.274	100	3,47	304.284	50	3,99
2 m	grey	304.974	100	3,78			
3 m	black	304.175	50	4,31	304.185	50	4,83
3 m	white	304.275	50	4,31	304.285	50	4,83
3 m	grey	304.975	50	4,73			
5 m	black	304.176	30	5,88			
5 m	white	304.276	30	5,88			

#### Cable H05VV-F 3G 1,50 mm<sup>2</sup>, ø approx. 8,0 mm

2 m	black	305.174	50	3,89	305.184	50	4,41
2 m	white	305.274	50	3,89	305.284	50	4,41
2 m	grey	305.974	50	4,31			
3 m	black	305.175	50	4,94	305.185	20	5,46
3 m	white	305.275	50	4,83	305.285	20	5,46
3 m	grey	305.975	50	5,46			
5 m	black	305.176	30	6,93	305.186	20	7,46
5 m	white	305.276	30	6,93	305.286	20	7,46



### German type cord set, 16 A / 250 V~, PVC, 70°C

Side 1: German type straight plug with double earth, moulded  
Side 2: 30 mm outer jacket removed, metal clips

#### Cable H03VV-F 3G0,75 mm<sup>2</sup>, ø approx. 5,5 mm

1,5 m	black	311.173	100	2,84			
1,5 m	white	311.273	100	2,84			
2 m	black	311.174	100	3,15			
2 m	white	311.274	100	3,15			

#### Cable H05VV-F 3G1,00 mm<sup>2</sup>, ø approx. 7,0 mm

2 m	black	312.174	100	3,36			
2 m	white	312.274	100	3,36			
3 m	black	312.175	100	4,10			
3 m	white	312.275	100	4,10			



### Iron exchange cord, 150°C

Side 1: German type straight plug with double earth, moulded  
Side 2: 30 mm outer jacket removed, metal clips

#### Cable H03RT-H 3G0,75 mm<sup>2</sup> – TEXTIL, ø approx. 6,5 mm

2 m	gr/white	313.174	100	5,15	313.184	50	5,67
3 m	gr/white	313.175	50	6,41	313.185	50	6,93



#### Cable ELCU-X 05V4V4V-F 3G0,75 mm<sup>2</sup>, ø approx. 6,4 mm

##### Cross linked cord

2 m	gr/white	314.974	100	5,15	314.984	50	5,67
3 m	gr/white	314.975	50	6,41	314.985	50	6,93

**CORD SETS**

Length	Color	Art. No. unpacked	Packing	Price/€*	Art. No. individually packed	Packing	Price/€*
<b>Small appliance cord</b>							PVC
Side 1: Euro plug 2,5 A, moulded Side 2: Small appliance coupling, moulded							
<b>Cable H03VVH2-F 2 x 0,75 mm<sup>2</sup> flat cable approx. 3,6 x 5,6 mm</b>							
1,5 m	black	251.173	100	2,42	251.183	50	2,94
<b>Cold connector cord, 70°C, 10 A / 250 V~</b>							PVC
Side 1: German type right angle plug with double earth, moulded Side 2: Cold connector coupling, IEC 320 / C13, moulded							
<b>Cable H05VV-F-3G0,75 mm<sup>2</sup>, ø approx. 5,8 mm</b>							
2 m	black	351.174	100	4,73	351.184	50	5,25
2 m	grey	351.974	100	4,73	351.984	50	5,25
<b>Cable H05VV-F-3G1,00 mm<sup>2</sup>, ø approx. 7,0 mm</b>							
3 m	black	353.175	50	5,99	353.185	50	6,51
3 m	grey	353.975	50	5,99	353.985	50	6,51
<b>Cold connector extension, 70°C, 10 A / 250 V~</b>							PVC
Side 1: Cold connector plug IEC 320 / C14, moulded Side 2: Cold connector coupling, IEC 320/C13, moulded for the perfect connection between PC and screen or as extension							
<b>Cable H05VV-F 3G0,75 mm<sup>2</sup>, ø approx. 5,8 mm</b>							
2 m	grey	356.974	100	6,41			
<b>Cable H05VV-F 3G1,00 mm<sup>2</sup>, ø approx. 7,0 mm</b>							
3 m	grey	356.975	50	7,56			
<b>Warm connector cord (not for the german market), 10 A / 250 V~</b>							PVC
Side 1: German type right angle plug with double earth, moulded Side 2: Warm appliance connector 10 A, IEC 320 / C15, mounted							
<b>Cable H05VV-F 3G1,00 mm<sup>2</sup>, ø approx. 7,0 mm</b>							
2 m	black	361.174	50	6,00	361.184	50	6,50
2 m	white	361.274	50	6,00	361.284	50	6,50
<b>Hot appliance cord, 155°C, 10 A / 250 V~</b>							rubber
Side 1: German type right angle plug with double earth, mounted Side 2: Hot appliance connector 10 A, mounted							
<b>Cable H05RR-F 3G1,00 mm<sup>2</sup>, ø approx. 6,5 mm</b>							
2 m	black	372.174	50	8,09	372.184	20	8,61
3 m	black	372.175	50	9,45	372.185	20	9,98
<b>Universal cord, (export), 10 A / 250 V~</b>							PVC
Side 1: German type right angle plug with double earth, moulded Side 2: Hot appliance connector 10 A, mounted							
<b>Cable H05VV-F 3G1,00 mm<sup>2</sup>, ø approx. 7,0 mm</b>							
2 m	black	373.174	50	5,90	373.184	20	6,50
2 m	white	373.274	50	5,90	373.284	20	6,50





## CORD SETS



Length	Color	Art. No. unpacked	Packing	Price/€*	Art. No. individually packed	Packing	Price/€*
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### Contour cord set, 10 / 16 A / 250 V~, neoprene, 70°C

Side 1: Contour plug, moulded  
Side 2: 30 mm outer jacket removed, metal clips  
Ideal for power tools

#### Cable H07RN-F 2 x 1,00 mm<sup>2</sup>, ø approx. 7,7 mm

2 m	black	246.174	50	4,83	246.184	20	5,36
3 m	black	246.175	50	6,72	246.185	20	7,25
5 m	black	246.176	20	9,87	246.186	20	10,50

#### Cable H07RN-F 2 x 1,50 mm<sup>2</sup>, ø approx. 8,7 mm

2 m	black	248.174	50	5,57	248.184	20	6,30
3 m	black	248.175	50	7,67	248.185	20	8,19
5 m	black	248.176	20	11,45	248.186	20	12,29

#### Cable H07RN-F 2 x 1,00 mm<sup>2</sup>, ø approx. 7,7 mm

3 m	red	246.375	50	7,46			
5 m	red	246.376	20	10,71			

### Contour cord set, 10 / 16 A / 250 V~, rubber/PUR, 70°C

Side 1: Contour plug, moulded,  
Side 2: 30 mm outer jacket removed with metal clips

#### Cable H05BQ-F 2 x 1,00 mm<sup>2</sup>, ø approx. 6,8 mm

3 m	orange	244.875	50	10,71			
5 m	orange	244.876	30	17,43			

#### Cable H07BQ-F 2 x 1,50 mm<sup>2</sup>, ø approx. 8,3 mm

3 m	orange	249.875	50	13,23			
5 m	orange	249.876	30	19,74			

#### Hint: For Contour and German type cord sets

Contour cord set: 244.875 / 244.876 / 249.875 / 249.876

German type cord sets: 328.875 / 328.876 / 327.875 / 327.876

#### Cable built up:

Copper strands, fine tinned.

Wire isolation: ethylene, propylene-rubber.

Jacket: Polyurethane, mix type 11Ym1 to VDE 0250 part 818/585.

#### Usage i.e.:

Outdoor and indoor, humid and wet rooms.

For high mechanical wear and tear on construction sites, workshops, machine building and chemical industry. Everywhere where high demands are put on rigid and solid materials and oil resistance is required.

Especially useful as cord set for hand appliances.



We perform special assemblies according to your specifications and if desired cost free consultation by us. Refer also to page 96 (international plugs and couplings)

## CORD SETS

Length	Color	Art. No. unpacked	Packing	Price/€*	Art. No. individually packed	Packing	Price/€*
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### German type cord set, 10 / 16 A / 250 V~, neoprene

Side 1: German type straight plug with double earth, moulded. Plug: splash proof version!  
Side 2: 30 mm outer jacket removed with metal clips



<b>Cable H05RN-F 3G0,75 mm<sup>2</sup>, ø approx. 6,7 mm</b>							
2 m	black	321.174	50	4,52			
3 m	black	321.175	50	6,09			
5 m	black	321.176	20	8,09			
<b>Cable H07RN-F 3G1,00 mm<sup>2</sup>, ø approx. 8,9 mm</b>							
2 m	black	320.174	50	6,72	320.184	20	7,25
3 m	black	320.175	50	8,93	320.185	20	9,45
5 m	black	320.176	20	13,13	320.186	20	13,65
<b>Cable H07RN-F 3G1,50 mm<sup>2</sup>, ø approx. 9,5 mm</b>							
2 m	black	322.174	50	7,46	322.184	20	7,98
3 m	black	322.175	30	9,87	322.185	20	10,40
5 m	black	322.176	20	15,02	322.186	20	15,54
<b>Cable H07RN-F 3G2,50 mm<sup>2</sup>, ø approx. 11,3 mm</b>							
3 m	black				323.185	10	12,29
5 m	black				323.186	10	16,07



### German type cord set, 10 / 16 A / 250 V~, rubber / PUR

Side 1: German type straight plug with double earth, moulded. Plug: splash proof version!  
Side 2: 30 mm outer jacket removed, metal clips



<b>Cable H05BQ-F 3G1,00 mm<sup>2</sup>, ø approx. 7,9 mm</b>							
3 m	orange	328.875	50	12,18			
5 m	orange	328.876	30	19,22			
<b>Cable H07BQ-F 3G1,50 mm<sup>2</sup>, ø approx. 8,6 mm</b>							
3 m	orange	327.875	30	15,86			
5 m	orange	327.876	20	22,37			

Refer to hint page 64



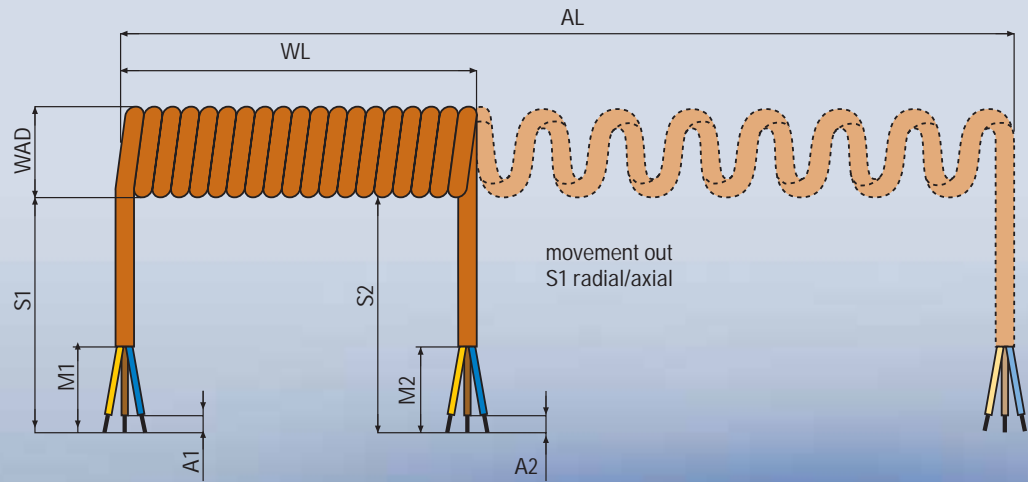
### Transparent cord set

Wires FEP T 180°C / Jacket PVC T 105°C 450 / 750 V, earth cord green-yellow

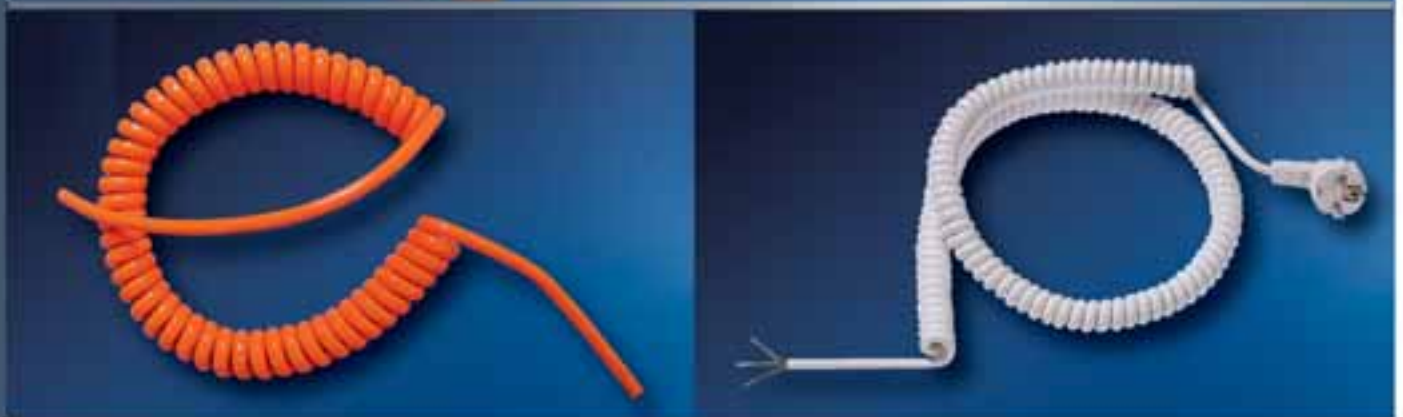
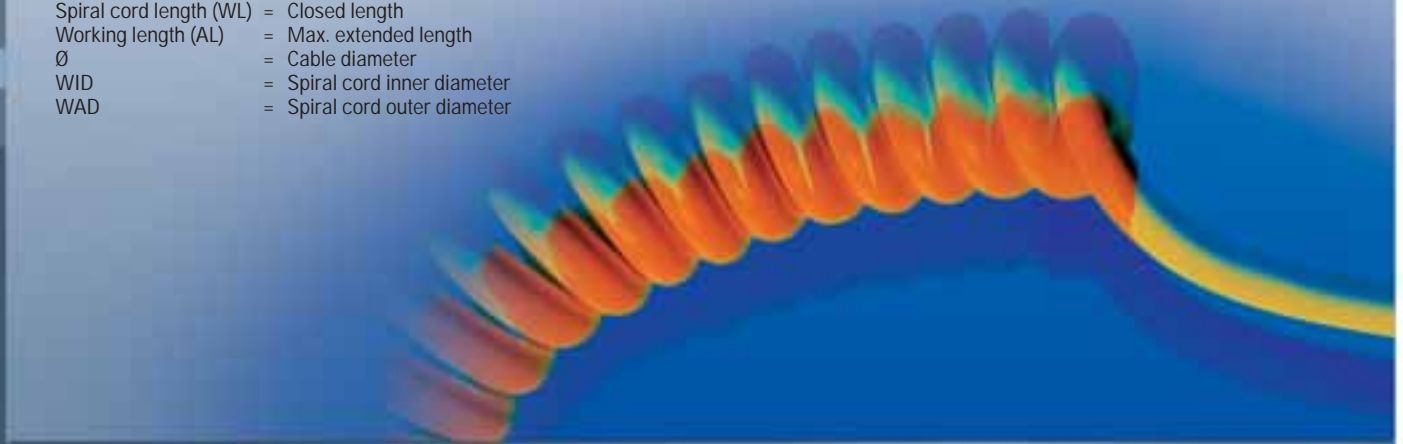
Side 1: 40 mm outer jacket removed, metal clips  
Side 2: 40 mm outer jacket removed, metal clips

<b>Double isolated cable 3 x 0,75 mm<sup>2</sup></b>							
1,5 m	-	130.080	1	12,50			
3 m	-	130.081	1	17,50			
<b>Double isolated cable 3 x 1,5 mm<sup>2</sup></b>							
1,5 m	-	131.080	1	17,00			
3 m	-	131.081	1	29,00			
<b>Double isolated cable 3 x 0,75 mm<sup>2</sup> / 50 m ring, Ø 5,2 mm ± 0,2 mm</b>							
50 m	-	150.072	1	190,00			
<b>Double isolated cable 3 x 1,5 mm<sup>2</sup> / 50 m ring</b>							
50 m	-	150.070	1	375,00			
<b>Double isolated cable 5 x 0,75 mm<sup>2</sup></b>							
1,5 m	-	132.080	1	16,70			
3 m	-	132.081	1	30,40			
<b>Double isolated cable 5 x 1,5 mm<sup>2</sup></b>							
1,5 m	-	133.080	1	27,20			
3 m	-	133.081	1	52,00			
<b>Double isolated cable 5 x 1,5 mm<sup>2</sup> / 50 m ring</b>							
50 m	-	151.070	1	720,00			
<b>Double isolated cable 5 x 0,75 mm<sup>2</sup> / 50 m ring</b>							
50 m	-	151.072	1	430,00			





Spiral cord length (WL) = Closed length  
 Working length (AL) = Max. extended length  
 $\emptyset$  = Cable diameter  
 WID = Spiral cord inner diameter  
 WAD = Spiral cord outer diameter



## BACHMANN - SPIRAL CORDS

As a leading manufacturer, we are endowed with a substantial Know How and we count leading companies to our customer. With specific development, we are able to find solutions according to your requests.

Spiral cord length in mm	Working length in mm	Color	Art. No. packed	Packing	Price/€*
<b>Spiral cord PVC</b> wires: PVC, jacket: PVC, extension factor 1:4, 70°C					

**Ends:** each 200 mm flat cut. **Properties:** well priced, low mechanical stress resistance, medium chemical resistance, medium pull back force. **Usage i.e.:** lamps, computers, mobile devices and appliances.

<b>Cable H03VV-F 2 x 0,75 mm<sup>2</sup>, ø approx. 5,8 mm, WID: approx. 10 mm, WAD: approx. 22 mm</b>					
500	2000	black	601.180	50	6,93
500	2000	white	601.280	50	6,93
1000	4000	black	601.181	50	13,13
1000	4000	white	601.281	50	13,13
<b>Cable H03VV-F 3G0,75 mm<sup>2</sup>, ø approx. 6 mm, WID: approx. 10 mm, WAD: approx. 22 mm</b>					
500	2000	black	651.180	50	8,19
500	2000	white	651.280	50	8,19
1000	4000	black	651.181	50	14,91
1000	4000	white	651.281	50	14,91
1500	6000	black	651.182	20	20,27
1500	6000	white	651.282	20	20,27
<b>Cable H03VV-F 4G0,75 mm<sup>2</sup>, ø approx. 6,5 mm, WID: approx. 10 mm, WAD: approx. 23 mm</b>					
500	2000	white	657.280	50	9,87
1000	4000	white	657.281	50	18,06
1500	6000	white	657.282	20	26,57
<b>Cable H05VV-F 3G1,00 mm<sup>2</sup>, ø approx. 7,6 mm, WID: approx. 10 mm, WAD: approx. 26 mm</b>					
500	2000	black	653.180	50	8,61
500	2000	white	653.280	50	8,61
1000	4000	black	653.181	30	16,91
1000	4000	white	653.281	30	16,91
1500	6000	black	653.182	25	24,26
1500	6000	white	653.282	25	24,26
<b>Cable H05VV-F 3G1,50 mm<sup>2</sup>, ø approx. 8,4 mm, WID: approx. 10 mm, WAD: approx. 27 mm</b>					
500	2000	black	654.180	50	12,00
500	2000	white	654.280	50	12,00
1000	4000	black	654.181	30	20,79
1000	4000	white	654.281	30	20,79
1500	6000	black	654.182	15	30,66
1500	6000	white	654.282	15	30,66

<b>Spiral cord PUR</b> wires: PVC, jacket: PUR, extension factor 1:5, 70°C					
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**Ends:** each 200 mm flat cut. **Properties:** good chemical resistance, good for cold conditions, excellent wear and tear, very good pull back force.

**Usage i.e.:** for robots, building industry, machine building, etc.

<b>Cable YMH11Y-J 3 x 1,00 mm<sup>2</sup>, ø approx. 6,8 mm, WID: approx. 9 mm, WAD: approx. 23 mm</b>					
500	2500	black	691.180	50	21,53
500	2500	white	691.280	50	21,53
1000	5000	black	691.181	30	38,85
1000	5000	white	691.281	30	38,85
1500	7500	black	691.182	15	58,28
1500	7500	white	691.282	15	58,28
<b>Cable YMH11Y-J 3 x 1,50 mm<sup>2</sup>, ø approx. 8 mm, WID: approx. 13, WAD: approx. 29 mm</b>					
500	2500	black	692.180	30	26,78
500	2500	white	692.280	30	26,78
1000	5000	black	692.181	20	42,84
1000	5000	white	692.281	20	42,84
1500	7500	black	692.182	15	65,94
1500	7500	white	692.282	15	65,94
<b>Cable YMH11Y-J 5 x 1,50 mm<sup>2</sup>, ø approx. 10 mm, WID: approx. 18 mm, WAD: approx. 39 mm</b>					
500	2500	black	693.180	20	33,71
500	2500	white	693.280	20	33,71
1000	5000	black	693.181	10	58,07
1000	5000	white	693.281	10	58,07
1500	7500	black	693.182	5	84,11
1500	7500	white	693.282	5	84,11



## SPIRAL CORDS



Spiral cord length in mm	Working length in mm	Color	Art. No. packed	Packing	Price/€*
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### Spiral cord PUR wires: rubber, jacket: PUR, extension factor 1:5, 70°C

Ends: each 200 mm flat cut.

Properties: good chemical resistance, good for cold conditions, microbe resistant, excellent wear and tear, good bending stress resistance, excellent pull back force.

Usage i.e.: power tools, construction machines, communication technology, especially for outdoor use or in humid conditions, machine building

Cable	Working length	Color	Art. No. packed	Packing	Price/€*
<b>Cable H07BQ-F 3G1,50 mm<sup>2</sup>, ø approx. 9,5 mm, WID: approx. 13 mm, WAD: approx. 32 mm</b>					
500	2500	orange	684.880	20	28,35
1000	5000	orange	684.881	15	54,60
1500	7500	orange	684.882	10	79,80
<b>Cable H07BQ-F 5G1,50 mm<sup>2</sup>, ø approx. 11,3 mm, WID: approx. 18 mm, WAD: approx. 41 mm</b>					
500	2500	orange	685.880	20	40,95
1000	5000	orange	685.881	10	75,60
1500	7500	orange	685.882	5	113,40
<b>Cable H07BQ-F 7G1,50 mm<sup>2</sup>, ø approx. 13,9 mm, WID: approx. 18 mm, WAD: approx. 46 mm</b>					
500	2500	orange	681.880	20	61,95
1000	5000	orange	681.881	10	107,10
1500	7500	orange	681.882	5	157,50
<b>Cable H07BQ-F 3G2,50 mm<sup>2</sup>, ø approx. 10,8 mm, WID: approx. 18 mm, WAD: approx. 40 mm</b>					
500	2500	orange	682.880	20	46,20
1000	5000	orange	682.881	10	84,00
1500	7500	orange	682.882	5	127,05
<b>Cable H07BQ-F 5G2,50 mm<sup>2</sup>, ø approx. 13,7 mm, WID: approx. 18 mm, WAD: approx. 46 mm</b>					
500	2500	orange	683.880	20	54,60
1000	5000	orange	683.881	10	94,50
1500	7500	orange	683.882	5	145,95

Spiral cord-length mm	Working-length mm	Color	Art. No. packed	Packing	Price/€*	Art. No.	Packing	Price/€*
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### Euro spiral cord PVC wires: PVC, jacket: PVC, extension factor 1:4, 70°C

Side 1: Euro plug, 2,5 A, moulded

Side 2: Length 100 mm, thereof 30 mm outer jacket removed, metal clips

Cable	Working length	Color	Art. No. packed	Packing	Price/€*
<b>H03VV-F 2 x 0,75 mm<sup>2</sup>, ø approx. 5,8 mm, WID: approx. 10 mm, WAD: approx. 22 mm</b>					
500	2000	black	611.170	50	7,14
500	2000	white	611.270	50	7,14

### Contour spiral cord PUR wires: rubber, jacket: PUR, extension factor 1:5, 70°C

Side 1: Contour plug, moulded

Side 2: Length 100 mm, thereof 30 mm outer jacket removed, metal clips

Cable	Working length	Color	Art. No. packed	Packing	Price/€*
<b>H05BQ-F 2 x 1,00 mm<sup>2</sup>, ø approx. 7 mm, WID: approx. 9 mm, WAD: approx. 23 mm</b>					
1000	5000	orange	624.871	50	34,86

### German type spiral cord PVC wires: PVC, jacket: PVC, extension factor 1:4, 70°C

Side 1: German type right angle plug type 30F with double earthing, moulded

Side 2: Length 100 mm, thereof 30 mm outer jacket removed, metal clips

Cable	Working length	Color	Art. No. packed	Packing	Price/€*	Art. No.	Packing	Price/€*
<b>H05VV-F 3G1,00 mm<sup>2</sup>, ø approx. 7,6 mm, WID: approx. 10 mm, WAD: approx. 26 mm</b>								
500	2000	black	662.170	50	10,00	662.180	20	11,00
500	2000	white	662.270	50	10,00	662.280	20	11,00
1000	4000	black	662.171	30	17,00	662.181	20	17,50
1000	4000	white	662.271	30	17,00	662.281	20	17,50
<b>Cable H05VV-F 3G1,50 mm<sup>2</sup>, ø approx. 8,4 mm, WID: approx. 10 mm, WAD: approx. 27 mm</b>								
500	2000	black	663.170	50	11,00	663.180	20	11,50
500	2000	white	663.270	50	11,00	663.280	20	11,50
1000	4000	black	663.171	30	20,00	663.181	20	20,50
1000	4000	white	663.271	30	20,00	663.281	20	20,50



Spiral cord-length mm	Working-length mm	Color	Art. No. packed	Packing	Price/€*	Art. No.	Packing	Price/€*
<b>German type spiral cord PUR</b> wires: rubber, jacket: PUR, extension factor 1:5, 70°C								
Side 1: Length 100 mm, German type plug straight with double earth								
Side 2: Length 200 mm, thereof 30 mm outer jacket removed, metal clips								
<b>Cable</b>	<b>H07BQ-F 3G1,50 mm<sup>2</sup>, ø approx. 9,5 mm, WID: approx. 13 mm, WAD: approx. 32 mm</b>							
500	2500	orange	665.870	10	33,08			
1000	5000	orange	665.871	10	59,64			
<b>Lamp spiral cord (pre-assembled)</b> wires: PVC, jacket: PVC, extension factor 1:4, 70°C								
Ends: each 140 mm, thereof 80 mm outer jacket removed, metal clips								
<b>Cable</b>	<b>H05VV-F 3G1,50 mm<sup>2</sup>, ø approx. 8,4 mm, WID: approx. 10 mm, WAD: approx. 27 mm</b>							
400	1600	white				654.283	50	10,92
800	3200	white				654.284	25	18,48
<b>Lamp spiral cord (pre-assembled)</b> wires: PVC, jacket: PUR, extension factor 1:5, 70°C								
Ends: each 140 mm, thereof 80 mm outer jacket removed, metal clips								
<b>Cable</b>	<b>YMH11Y-J 3 x 1,50 mm<sup>2</sup>, ø approx. 8 mm, WID: approx. 13 mm, WAD: approx. 29 mm</b>							
400	2000	white				692.283	30	25,00
<b>Cable</b>	<b>YMH11Y-J 5 x 1,50 mm<sup>2</sup>, ø approx. 10 mm, WID: approx. 13 mm, WAD: approx. 34 mm</b>							
400	2000	white				693.283	20	29,00
<b>Lamp spiral cord PVC</b> wires: PVC, jacket: PVC, extension factor 1:4, 70°C								
Side 1: German type right angle plug with double earth, moulded								
Side 2: German type coupling, moulded								
<b>Cable</b>	<b>H05VV-F 3G1,50 mm<sup>2</sup>, ø approx. 8,4 mm, WID: approx. 10 mm, WAD: approx. 27 mm</b>							
500	2000	black				672.180	20	12,00
500	2000	white				672.280	20	12,00
1000	4000	black				672.181	20	18,00
1000	4000	white				672.281	20	18,00



## MOUNTING PARTS



Socket outlets	Color	Art. No. individually packed	Packing	Price/€*
<b>Buried 3way German type socket outlet, 16 A / 250 V~</b>				
Buried German type outlet, DIN 49 440				
3way	pure-white	382.200	5	5,70
<b>Buried ERGE 3way German type socket outlet, 16 / A 250 V~</b>				
Buried German type outlet, stepped, DIN 49 440				
3way	greenland-white	382.201	2	6,40
<b>Buried double German type socket outlet, 16 A / 250 V~</b>				
Buried German type outlet, DIN 49 440				
2way	pure-white	382.202	5	4,06
<b>Finery German type socket outlet, 3 way, 16 A / 250 V~</b>				
Finery German type outlet, DIN 49 440				
3way	pure-white	382.203	10	6,40
<b>Finery standard ERGE German type socket outlet, 16 A / 250 V~</b>				
Finery German type outlet, DIN 49 440				
1way	greenland-white	382.204	10	2,26
<b>Finery standard ERGE German type socket outlet, 2 way, 16 A / 250 V~</b>				
Finery German type outlet, DIN 49 440				
2way	greenland-white	382.205	10	4,64
<b>Finery standard ERGE German type socket outlet, 3 way, 16 A / 250 V~</b>				
Finery German type outlet, stepped, DIN 49 440				
3way	greenland-white	382.206	10	5,14
<b>Finery standard ERGE German type socket outlet, 4 way, 16 A / 250 V~</b>				
Finery German type outlet, stepped, DIN 49 440				
4way	greenland-white	382.207	4	5,64
<b>Safety-connector perilex plug, 16 A / 400 V~</b>				
Perilex plug, entry sidewise, 3 pole + E + O according VDE0100/5.73, waterproof, IP 54				
-	white	349.203	10	6,04
<b>(Finery) Safety socket outlet for perilex plug, 16 A / 400 V~</b>				
(Finery) Socket outlet for perilex plug, 3 pole + E + O according VDE0100/5.73, DIN 49 445				
-	white	349.204	10	6,38
(Finery) Socket outlet for perilex plug, 3 pole + E + O according VDE0100/5.73, DIN 49 445 with lid, waterproof				
-	grey	349.205	5	9,20
<b>Distribution box + block</b>				
Distribution box (Ø 70 mm) + block, loose in bag				
-	white	190.272	4	1,70
<b>Ceiling box incl. strain relief and screws</b>				
Ceiling box (Ø 70 mm) incl. strain relief and screws, loose in bag				
-	white	190.273	20	0,70

**MOUNTING  
PARTS**

Color	Art. No. unpacked	Packing	Price/€*
<b>Swiss plug with earth CH, 10 A / 250 V~</b>			
Thermoplastic-version with earth and strain relief.			
Suitable for cables up to 3G1,00 mm <sup>2</sup>			
black	910.175	1	2,10
white	910.275	1	2,10
<b>Swiss coupling with earth CH, 10 A / 250 V~</b>			
Coupling with earth			
black	912.174	50	2,94
white	912.274	50	2,94
<b>UK plug with earth, 13 A / 250 V~</b>			
Plastic-version with earth and integrated 13 A fuse, with strain relief. Mounting instructions included.			
For cables up to 3G1,50 mm <sup>2</sup>			
black	910.176	1	2,76
white	910.276	1	2,76
<b>UK coupling with earth UK, 13 A / 250 V~</b>			
Thermoplastic-version			
black	910.177	10	8,61
Thermoplastic-version with indicator light			
white	910.277	10	8,61
<b>US plug, 2 pole</b>			
Not polarized, Duroplast			
black	910.178	100	1,68
<b>US plug, 3 pole with earth, 15 A / 125 V~</b>			
Not polarized, Thermoplastic-version			
black	910.179	20	15,02
<b>Italy plug, 3 pole with earth, 10 A / 250 V~</b>			
Thermoplastic-version			
black	910.174	50	2,42
<b>German type coupling with earth pin Belgium / France B / F</b>			
With tension relief, Thermoplastic-version			
black	912.173	35	2,94
white	912.273	35	2,94
<b>Full rubber plug, 13 A / 250 V~, Belgium / France B / F</b>			
Full rubber plug, belgian french system, with clip in and strain relief, terminal block, themroplastic version			
black	913.169	20	4,70
<b>Full rubber coupling, 13 A / 250 V~, IP 44, Belgium / France B / F</b>			
Full rubber coupling, belgian french system, clip in, contact protection, thermoplastic cover, till H07RN-F 3G2,5mm <sup>2</sup> , IP 44, thermoplastic version			
black	919.169	10	7,60





## MOUNTING PARTS



Color	Art. No. unpacked	Packing	Price/€*	Art. No. individually packed	Packing	Price/€*
<b>Euro plug, 2,5 A / 250 V~</b>						
						Plastic

Plastic version with crimp connection.  
Sold only per packing unit – bulk pack, 3 pieces per polybag.  
Only for assembly by qualified electrician. Sale to end users only if assembled.

<b>Suitable for cables up to H05VV-F 2 x 0,75 mm<sup>2</sup></b>						
black	910.171	25	0,98	910.181	3	1,25
white	910.271	25	0,98	910.281	3	1,25

<b>Euro coupling, 2,5 A / 250 V~</b>						
						Plastic

Plastic version with crimp connection.  
Sold only per packing unit – bulk pack, 3 pieces per polybag.  
Only for assembly by qualified electrician. Sale to end users only if assembled.

<b>Suitable for cables up to H05VV-F 2 x 0,75 mm<sup>2</sup></b>						
black	912.171	25	1,73	912.181	3	2,10
white	912.271	25	1,73	912.281	3	2,10

<b>Euro plug, 2,5 A / 250 V~</b>						
						Plastic

Plastic version with crimp connection.  
Sold only per packing unit – bulk pack, 3 pieces per polybag.  
Only for assembly by qualified electrician. Sale to end users only if assembled.

<b>Suitable for cables up to H05VV-F 2 x 0,75 mm<sup>2</sup></b>						
black	900.002	100	1,37	900.010	3	1,55
white	900.003	100	1,37	900.011	3	1,55

<b>Euro coupling, 2,5 A / 250 V~</b>						
						Plastic

Plastic version with crimp connection.  
Sold only per packing unit – bulk pack, 3 pieces per polybag.  
Only for assembly by qualified electrician. Sale to end users only if assembled.

<b>Suitable for cables up to H05VV-F 2 x 0,75 mm<sup>2</sup></b>						
black	900.004	100	2,00	900.012	3	2,78
white	900.005	100	2,00	900.013	3	2,78

<b>German type mountable plug, 10 / 16 A / 250 V~, VDE 0620</b>						
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With double earthing and nickel plated contacts, i.e. for Germany and France. Small and shock resistant version with strain relief. No parts can be lost.

<b>Suitable for cables H05VV-F 3G0,75/1,0/1,5 mm<sup>2</sup></b>						
black	910.100	10	0,89			
white	910.200	10	0,89			

<b>German type straight plug, 10 / 16 A / 250 V~, DIN 49441</b>						
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Small shock resistant version, plastic, with strain relief.

<b>Suitable for cables up to H05VV-F 3G1,00 mm<sup>2</sup></b>						
black	910.170	40	0,99			
white	910.270	40	0,99			
brown	910.470	40	0,99			

<b>German type straight plug, 10 / 16 A / 250 V~, DIN 49441</b>						
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Highly shock resistant version, plastic, with strain relief.

<b>Suitable for cables up to H05VV-F 3G1,50 mm<sup>2</sup></b>						
grey	910.971	25	1,90			

**MOUNTING  
PARTS**


Color	Art. No. unpacked	Packing	Price/€*
<b>German type plug</b>			
<b>Right angle plug 10 / 16 A / 250 V~</b> Small shock resistant version with earth.			
Suitable for cables up to H05VV-F 3G1,50 mm <sup>2</sup>			
black	911.172	50	1,10
white	911.272	50	1,10
brown	911.472	50	1,10
<b>Flat right angle plug, 10 / 16 A / 250 V~</b> Shock resistant version, with cable entry sidewise.			
Suitable for cables up to H05VV-F 3G1,50 mm <sup>2</sup>			
black	911.170	30	1,39
white	911.270	30	1,39
brown	911.470	30	1,39
<b>Right angle plug with switch, 10 / 16 A / 250 V~</b> Shock resistant plastic-version with 2 pole rocker switch.			
Suitable for cables up to H05VV-F 3G1,50 mm <sup>2</sup>			
black	911.171	20	5,20
white	911.271	20	5,20
<b>Right angle plug with indicator switch, 10 / 16 A / 250 V~</b> Shock resistant plastic-version with 2 pole illuminated rocker switch.			
Suitable for cables up to H05VV-F 3G1,50 mm <sup>2</sup>			
white	911.273	20	7,40
<b>Universal adapter switch with earth, 10 / 16 A / 250 V~</b>			
Universal adapter switch with earth and one piece contacts. Thermoplastic version.			
black	911.174	15	7,04
<b>German type coupling, 10 / 16 A / 250 V~, VDE</b>			
Small shock resistant plastic-version.			
Suitable for cables up to H05VV-F 3G1,50 mm <sup>2</sup>			
black	912.170	50	1,50
white	912.270	50	1,50
brown	912.470	50	1,50
<b>German type coupling, 10 / 16 A / 250 V~, VDE</b>			
Large shock resistant plastic-version. With strain relief.			
Suitable for cables up to H05VV-F 3G1,50 mm <sup>2</sup>			
grey	912.971	15	2,10



## MOUNTING PARTS



Color	Art. No. unpacked	Packing	Price/€*
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### Rubber plug, 10 / 16 A / 250 V~, IP 44, DIN 49 441

Thermoplastic insert with double earth, suitable also for France and Belgium, turnable strain relief for different cable cross sections, IP 44.

For mounting to cables up to H07RN-F 3G2,50 mm <sup>2</sup> black	913.171	20	2,35
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### Rubber plug, 10 / 16 A / 250 V~, IP 44, DIN 49 441-2-AR1

Shock resistant thermoplastic insert with earth, standardized clip in and strain relief, terminal block, IP 44, temperature range -40 °C up to 70 °C.

For mounting to cables up to H07RN-F 3G2,50 mm <sup>2</sup> black	913.172	20	3,60
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### Full rubber plug, 10 / 16 A / 250 V~, IP 44, DIN 49 441-2-AR1

Full rubber insert with earth, standardized clip in and strain relief, terminal block, IP 44, temperature range -40 °C up to 70 °C.

For mounting to cables up to H07RN-F 3G2,50 mm <sup>2</sup> black	913.173	20	4,00
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### Full rubber right angle plug, 10 / 16 A / 250 V~, IP 44, DIN 49 441-2-AR1

Full rubber insert with earth, standardized clip in and strain relief, terminal block, IP 44, temperature range -40 °C up to 70 °C.

For mounting to cables up to H07RN-F 3G2,50 mm <sup>2</sup> black	919.171	10	9,00
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With double German type system, suitable for belg./french standard black	919.178	10	11,00
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### Full rubber contour plug, 2 pole without earth

Without earth, clip in function, suitable for cables up to H07RN-F 3G2.5 mm<sup>2</sup>  
Only to be installed by qualified electrician.  
Sale to end user only after assembly allowed!

black	919.179	20	7,40
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### Rubber-coupling, 10 / 16 A / 250 V~, DIN 49 440

Thermoplastic insert with earth and strain relief.

For mounting to cables up to H07RN-F 3G2,50 mm <sup>2</sup> black	913.174	10	4,35
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**MOUNTING  
PARTS**

Color	Art. No. unpacked	Packing	Price/€*
<b>Rubber coupling, 10 / 16 A / 250 V~, IP 44, DIN 49 440</b>			
Thermoplastic insert with earth and strain relief, with lid, IP 44			
For mounting to cables up to H07RN-F 3G2,50 mm <sup>2</sup> black	919.176	10	5,10
<b>Full rubber coupling, 16 A / 250 V~, IP 44, DIN 49 440-2-D-AR1</b>			
Full rubber insert with earth, standardized clip in and strain relief, terminal block, IP 44. Solid industrial version. Temperature range -40 °C up to 70 °C.			
For mounting to cables up to H07RN-F 3G2,50 mm <sup>2</sup> black	913.175	10	6,40
<b>Full rubber coupling, 10 / 16 A / 250 V~, IP 44, DIN 49 440-2-D-AR1</b>			
Thermoplastic insert with earth, standardized clip in and strain relief, terminal block, IP 44. Solid industrial version. Temperature range -40 °C up to 70 °C.			
For mounting to cables up to H07RN-F 3G2,50 mm <sup>2</sup> black	919.177	10	6,60
<b>Full rubber 3way coupling with lid, 10 / 16 A / 250 V~, IP 20</b>			
IP 20, DIN 49 440-2-AR1, temperature range -40 °C up to 70 °C Full rubber insert with earth, standardized clip in and strain relief, terminal block, IP 44. Solid industrial version with lid and hanger. For permanent outdoor use and construction sites.			
For mounting to cables up to H07RN-F 3G2,50 mm <sup>2</sup> black	913.170	1	38,85
<b>PUR housing 3way coupling, 10 / 16 A / 250 V~, IP 20, DIN 49 440-2-D-AR1</b>			
PUR insert with earth, strain relief, terminal block, with lid and hanger, IP 20, temperature range -40 °C up to 70 °C.			
For mounting to cables up to H07RN-F 3G2,50 mm <sup>2</sup> black	919.175	1	17,96



## MOUNTING PARTS



Color	Art. No. unpacked	Packing	Price/€*
<b>Cold connector plug with earth, C14, 10 A / 250 V~, 70°C</b>			
Thermoplastic version with earth, screw terminals, strain relief.			
<b>For cable up to 3G1,00 mm<sup>2</sup> According to VDE0625/EN 60320/IEC 320</b>			
black	915.171	50	2,75
white	915.271	50	2,75
grey (RAL 7035)	915.971	50	2,75
<b>Right angle cold connector plug with earth, C14, 10 A / 250 V~, 70°C</b>			
Thermoplastic version with earth, screw terminals, strain relief, cable exit right hand side.			
<b>For cable up to 3G1,00 mm<sup>2</sup> According to VDE0625/EN 60320/IEC 320</b>			
black	915.172	50	3,90
grey (RAL 7035)	915.972	50	3,90
<b>Cold connector coupling with earth, C13, 10 A / 250 V~, 70°C</b>			
Thermoplastic version with earth for cable junction, screw terminal, break protection sleeve and strain relief.			
<b>For cable up to 3G1,00 mm<sup>2</sup> According to VDE0625/EN 60320/IEC 320</b>			
black	915.170	25	2,10
white	915.270	25	2,10
grey (RAL 7035)	915.970	25	2,10
<b>Right angle cold connector coupling with earth, C13, 10 A / 250 V~, 70°C</b>			
Thermoplastic version with earth, screw terminals, strain relief, cable exit right hand side.			
<b>For cable up to 3G1,00 mm<sup>2</sup> According to VDE0625/EN 60320/IEC 320</b>			
black	915.173	25	2,50
grey (RAL 7035)	915.973	25	2,50
<b>Cold connector coupling with earth, C19, 16 A / 250 V~, 70°C</b>			
Thermoplastic version with earth, C19, strain relief.			
<b>For cable up to 3G1,50 mm<sup>2</sup>. Nach EN 60320</b>			
black	915.174	25	7,14
<b>Cold connector built in coupling, J, 16 A / 250 V~, 70°C</b>			
Thermoplastic version with earth, C19.			
black	917.172	25	4,73
<b>Cold connector plug, C20, 16 A / 250 V~, 70°C</b>			
Thermoplastic version with earth, C20, with strain relief for line assembly.			
black	915.175	25	7,04
<b>Cold connector mounting plug, I, 16 A / 250 V~, 70°C</b>			
Thermoplastic version, C20.			
black	917.173	25	5,15

**MOUNTING  
PARTS**

Color	Art. No. unpacked	Packing	Price/€*
<b>Hot connector coupling with earth, C15A, 10 A / 250 V~, 155°C</b>			
Thermoplastic-version with earth for cable junction, screw terminal, break protection sleeve and strain relief.			
For cable up to 3G1,00 mm <sup>2</sup> According to VDE0625/EN 60320/IEC 320			
black	916.170	25	2,20
grey (RAL 7035)	916.970	25	2,20
<b>Hot connector coupling, 16 A / 250 V~, C 21, 155°C</b>			
C-21, with strain relief for line assembly			
black	918.171	25	5,88
<b>Hot connector coupling with earth, 10 A / 250 V~, 155°C</b>			
Steatite-version, strain relief. Only for replacement purposes.			
Suitable for cables up to 3G1,00 mm <sup>2</sup>			
black	919.170	20	2,70
white	919.270	20	2,70
<b>Cold connector built in plug, E, 10 A / 250 V~, 70°C</b>			
Thermoplastic version with screw terminal.			
black	917.170	50	2,30
<b>Hot connector built in plug, E, 10 A / 250 V~, 155°C</b>			
Thermoplastic version with screw terminal.			
black	918.170	50	2,30
<b>Cold connector built in coupling, F, 10 A / 250 V~, 70°C</b>			
Thermoplastic version with screw terminal.			
black	917.171	50	2,50
<b>Appliance connection box, 16 A / 380 V~</b>			
Thermoplastic version, for within wall mounting. Easy mounting, with take off terminal block with lid and clip in function. With screw terminals 5 x 2.50 mm <sup>2</sup> and strain relief.			
For 55-mm-wallbox/height 14 mm			
white	190.271	20	2,70
<b>Stove outlet, 16 A / 380 V~</b>			
Duroplast version, for onto and within wall mounting. Easy and quick wiring, with screw terminals 5 x 2.50 mm <sup>2</sup> and strain relief.			
For 55-mm-wallbox/height 22 mm			
white	190.270	20	2,63



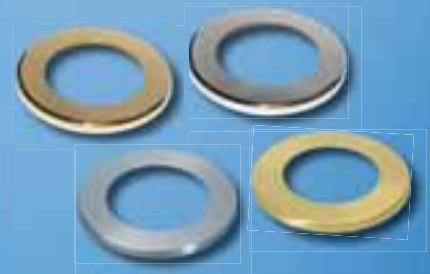
\* Non binding price suggestion, without VAT, per piece



Pinfix

Color	Art. No. unpacked	Packing	Price/€*	Art. No. individually packed	Packing	Price/€*
<b>Inline switch</b> <span style="float: right;">Plastic</span>						
1 pole switch, 2 A / 250 V-, for cable up to H03VVH2-F 2 x 0,75 mm <sup>2</sup>						
black	923.170	1	1,49			
white	923.270	1	1,49			
brown	923.470	1	1,49			
<b>Child protection inserts</b> <span style="float: right;">Plastic</span>						
Suitable for any German type outlets, protection save, with spring function 5 pieces per polybag/blisterpack = 1 packing unit						
white	922.271	1	0,70	922.281	5	3,94
<b>Lamp holder, ready pre assembled</b> <span style="float: right;">Plastic</span>						
60 W plastic-E27-holder with 2-pole terminal block.						
0,30 m cable H03VV-F 2 x 0,75 mm <sup>2</sup> , max. 60 W						
black	641.170	20	1,99			
0,30 m cable H03VV-F 2 x 0,75 mm <sup>2</sup> , with plug terminals. Sale only per 20 pcs.						
black	641.171	20	3,14			
<b>Change lamp holder E27 to E14</b>						
Outside thread: E27		Thread: Brass				
Inside thread: E14		Isolation: Plastic				
	730.005	1	3,15			
<b>Change lamp holder E40 to E27</b>						
Outside thread: E40		Thread: Brass				
Inside thread: E27		Isolation: Porcelain				
	730.008	1	16,70			
<b>Porcelain terminal</b>						
For cross sections up to 2,50 mm <sup>2</sup> , without wire protection.						
1-pole	950.000	dimensions: 17 x 9,5 x 12 mm 1	0,50			
2-pole with fixing hole in the middle	950.002	dimensions: 21 x 18 x 16 mm 1	0,71			
3-pole with fixing hole in the middle	950.003	dimensions: 33 x 19 x 16 mm 1	1,16			
For cross sections up to 4,00 mm <sup>2</sup> .						
2-pole with fixing hole in the middle	950.004	dimensions: 24 x 22 x 22 mm 1	1,10			
<b>Pinfix type 8821</b>						
Offers a particular solution for heavy AC adapters in Europe (besides Switzerland).						
black				924.329	1	2,00
white				924.330	1	2,00

Color	Art. No. unpacked	Packing	Price/€*
<b>Silicone housing MAXI type 1000</b>			
For halogen cold light mirror lamps, Ø 51 mm, 12 V, max 35 Watt, triple isolated (picture A, see below) with cable and ceramic holder, without illuminant.			
transparent	924.224	1	15,00
white	924.225	1	15,00
red	924.226	on inquiry	15,00
blue	924.227	1	15,00
grey	924.228	on inquiry	15,00
yellow	924.229	on inquiry	15,00
<b>Decor ring type 1002</b>			
For silicone housing MAXI type 1000.			
Brass shining	924.230	1	7,00
High-grade steel shining	924.231	1	7,00
High-grade steel beamless	924.250	1	7,00
Brass beamless	924.331	1	7,00
<b>Silicone housing MICRO type 1001</b>			
For low volt halogen pin base lamps, 12 V, max 20 Watt, double isolated (picture B, see below) with cable, ceramic holder and chromed reflector plate, without illuminant.			
transparent	924.232	1	12,00
white	924.233	1	12,00
red	924.234	on inquiry	12,00
blue	924.235	on inquiry	12,00
grey	924.236	on inquiry	12,00
yellow	924.237	on inquiry	12,00



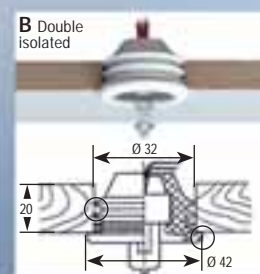
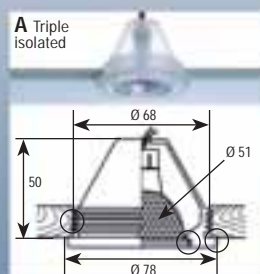
### Silicone-Housing MAXI and MICRO for low volt-halogen heater

Silicone housings MAXI and MICRO is composed of High-Tech-Elastomer and multifaceted applicable.

- rust-free
- UV and ozone resistant, non-aging
- heat and cold resistant
- weather and maritime climate resistant
- patented
- easy assembling and disassembling
- non component mounting
- illuminant changing without tool
- without ferrule
- applicable in shop fitting
  
- quick mounting technic
- unfeathered fixation

#### Builtable in:

- solid material in different thickness
- available in following material:  
rigips, fiberboards, fixing plate ...





**CHILD  
PROTECTION**



Color	Art. No. unpacked	Packing	Price/€*
<b>Teddy type 6310</b>			
Outlet protector for insertion into German type socket outlets. Use only the enclosed special key to remove it from the socket outlet.			
<b>5 pieces and 3 keys in transparent bag</b>			
white	924.201	10 bag	1,80 per bag
black	924.101	10 bag	1,80 per bag
brown	924.004	10 bag	1,80 per bag
<b>loose</b>			
white	924.005	50	0,34
black	924.006	50	0,34
brown	924.007	50	0,34
<b>Teddy automatic type 6320</b>			
Outlet protection to be stuck into German type socket outlets.			
<b>5 pieces in blister packaging</b>			
white	924.009	20 cards	3,70 per card
black	924.010	20 cards	3,70 per card
brown	924.011	20 cards	3,70 per card
<b>loose</b>			
white	924.012	250	0,70
black	924.013	250	0,70
brown	924.014	250	0,70
<b>Protective cap type 2002</b>			
Applicable into German type socket outlet.			
<b>10 pieces in transparent bag</b>			
alpin-white	924.172	10 bag	2,60 per bag
<b>Socket outlet protection automatic type 8500</b>			
Telescoping technology, without sticking panel, SLG- design tested. Convenient as well for the French system.			
<b>loose</b>			
white	924.173	250	0,44

**CHILD-  
PROTECTION**

Color	Art. No. unpacked	Packing	Price/€*
<b>Teddy duo type 6330</b>			
Pilot light and outlet protector with key.			
<b>1 piece in blister packaging</b>			
red	924.001	20	3,20 per blistercards
red with motive	924.002	20	3,50 per blistercards
<b>Teddy child safety device type 6350</b>			
Food safe. To be used in three ways: - door contrivance - drawer contrivance - drawer stopper			
<b>3 pieces in folding packing</b>			
white	924.000	20 folding packing	2,60 per folding packing
<b>Safety turing knobs for electric stoves type 8530</b>			
The safety turing is active as soon as the head has been pushed inward by approx. 2,5 mm. - With child protection - To be used universally for almost all electric stoves, microwaves, bath heater with diameter for standard axis 6 x 4,6 mm bore			
<b>1 piece in blister packaging</b>			
white, 0 - 3	924.016	10	3,50
white, 0 - 12	924.017	10	3,50
white, line	924.018	10	3,50
white, oven	924.019	10	3,50
white, tail	924.020	10	3,50
<b>1 piece in blister packaging</b>			
anthracite, 0 - 3	924.104	10	3,50
anthracite, 0 - 12	924.105	10	3,50
anthracite, line	924.106	10	3,50
anthracite, oven	924.107	10	3,50
anthracite, tail	924.108	10	3,50
<b>5 pieces in blister packaging</b>			
consisting of: 3 pieces 0 - 3 1 piece 0 - 12 1 piece oven			
white	924.022	10	17,50
anthracite	924.021	10	17,50



**SWITCH &  
PUSH BUTTON**



Color housing	Color button	Art. No. unpacked	Packing	Price/€*
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**Line intermediate switch type 8018, with breaker, 1-pole**

2(0,7) A, 250 V- AC, spherical shape.  
With fastener for neutral lead, for double isolated flat cable 2 x 0,75 mm<sup>2</sup>, screwed contacts.

transparent	transparent	924.268	25	2,00
red	black		on inquiry	2,00
black	black	924.040	25	2,00
white	white	924.041	25	2,00
blue	black	924.042	25	2,00
yellow	black		on inquiry	2,00
green	black		on inquiry	2,00

**Line intermediate switch type 5052, with breaker, 2-pole**

2 A, 250 V  
Unlighted, usable for equipment with protection class II, for double isolated flat cable 2 x 0,75 mm<sup>2</sup>, marking 0 - I, screwed contacts.

black	black	924.028	20	4,40
white	white	924.029	20	4,40

**Line intermediate switch type 5052, with breaker and lighting, 2-pole**

2 A, 250 V  
Lighted, usable for equipment with protection class II, for double isolated flat cable 2 x 0,75 mm<sup>2</sup>, marking 0 - I, screwed contacts.

black	white	924.030	20	5,80
white	white	924.031	20	5,80

**Line intermediate switch type 5044, with breaker, 1-pole**

2(1) A, 250 V-  
Housing and strain relief with screws, screwed contacts, 2 terminal connectors.  
Turning strain relief for 2- and 3-conductor cable.

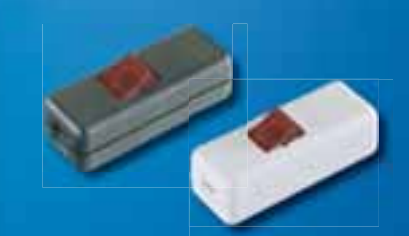
transparent	transparent	924.259	20	3,60
white	black	924.023	20	3,60
black	black	924.024	20	3,60
white	white	924.025	20	3,60
brown	beige	924.026	20	3,60
gold	gold	924.027	20	4,60
titan	black	924.260	20	4,60

**Line intermediate switch type 8007, with breaker, 1-pole**

2 A, 250 V-  
Housing dimension: 61 x 23 x 15 mm, strain relief and housing screwed,  
for double isolated flat cable 2 x 0,75 mm<sup>2</sup>, with terminal connector for neutral conductor.

black	black	924.036	50	2,60
white	white	924.037	50	2,60
brown	brown	924.038	50	2,60
gold	gold	924.039	50	2,80

**SWITCH &  
PUSH BUTTON**



Color housing	Color button	Art. No. unpacked	Packing	Price/€*
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**Line intermediate switch type 8002, with breaker, 1-pole**

2 A, 250 V-  
Strain relief screwed down. Inserted push button Ø 12 mm, terminal connector for neutral conductor, snap-on housing assembly, for double isolated flat cable 2 x 0,75 mm<sup>2</sup>.

black	black	924.032	50	3,50
white	white	924.033	50	3,50
brown	brown	924.034	50	3,50
gold	brown	924.035	50	3,70

**Line intermediate switch type 5055, with breaker, 1-pole**

3(2) A, 250 V-  
Snap-on housing assembly, for double isolated flat cable 2 x 0,75 mm<sup>2</sup>, strain relief by insulating screws, receptacle contacts.

black	black	924.043	50	4,40
white	white	924.044	50	4,40
brown	brown	924.045	50	4,40
gold	gold	924.046	50	4,80
titan	black	924.261	50	4,80

**Line intermediate switch type 8006, with breaker, 1-pole**

6(4) A, 250 V-  
Housing and strain relief screwed down, 2 terminal conductors, marking 0-1, screwed contacts, for 2-3 conductors.  
**This version is suitable for switching halogen lights.**

black	black	924.047	50	3,80
white	white	924.048	50	3,80
brown	brown	924.049	50	3,80
gold	brown	924.050	50	4,00

**Line intermediate switch type 8010, with breaker, 2-pole**

10(4) A, 250 V-  
Strain relief screwed down, terminal connector for earth conductor, housing assembly with screws, marking 0 -1, for 2-3 conductors.

black	red	924.051	50	5,20
white	white	924.052	50	5,20
brown	beige	924.053	50	5,20

**Line intermediate switch type 8010, with breaker, 2-pole**

10(4) A, 250 V-  
Lighted, strain relief screwed down, terminal connector for earth conductor, housing assembly with screws, marking 0 -1. VDE-approved!

black	red	924.327	50	6,00
white	red	924.328	50	6,00

**Line intermediates switch type 8011, with multi-position breaker**

2 A, 250 V-  
Housing with line exit on both sides, terminal connector for neutral and earth conductor, circuit: 0-1-1+2-2-0, screwed contacts.

black	black	924.054	10	7,00
white	white	924.055	10	7,00

\* Non binding price suggestion, without VAT, per piece

**SWITCH &  
PUSH BUTTON**



Color housing	Color button	Art. No. unpacked	Packing	Price/€*
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**Step-on intermediate switch type 5062, with breaker, 1-pole**

2(1) A, 250 V-  
Snap-on housing assembly, strain relief screwed down, 2 terminal connectors.

transparent	transparent	924.262	10	4,80
gold	gold	924.056	10	6,00
titan	black	924.263	10	6,00
white	black	924.057	10	4,80
black	black	924.058	10	4,80
white	white	924.059	10	4,80
brown	beige	924.060	10	4,80

**Step-on intermediate switch type 8009, with breaker, 1-pole**

2(1) A, 250 V-  
Snap-on housing assembly, strain relief screwed down, 2 terminal connectors.

black	black	924.062	10	4,10
white	white	924.063	10	4,10
brown	brown	924.064	10	4,10
gold	gold	924.065	10	4,40

**Step-on intermediate switch type 8009, with breaker, 1-pole**

6(2) A, 250 V-  
Snap-on housing assembly, strain relief screwed down, 2 terminal connectors.  
**This version is suitable for switching halogen lights.**

black	black	924.068	10	4,60
white	white	924.069	10	4,60

**Step-on intermediate switch type 8009, multiposition switch, 1-pole**

2(1) A, 250 V-  
Snap-on housing assembly, strain relief screwed down, 2 terminal connectors.  
Circuit: 0-1-1+2-2-0

white	black	924.066	10	6,60
black	black	924.067	10	6,60
gold	gold	924.264	10	7,00

**SWITCH &  
PUSH BUTTON**

Color housing	Color button	Art. No. unpacked	Packing	Price/€*
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**Console switch for installation type 5120, opener, 1-pole**

2(1) A, 250 V~, T 85° C, trade version **with added housing**.  
Two hole fixation, distance between screws 43 mm, fixation holes Ø 3,5 mm, screwed contacts.

white	white	924.203	40	5,30
black	black	924.103	40	5,30

**Console switch for installation type 5120, opener, 1-pole**

2(1) A, 250 V~, T 85° C, **industrial version without auxiliary housing**.  
Two hole fixation, distance between screws 25,5 mm, fixation holes Ø 3,5 mm, screwed contacts.

white	white	924.071	100	4,80
black	black	924.072	100	4,80

**Step-on intermediate switch type 8008, 1-pole**

2 A, 250 V~  
Housing and strain relief screwed down, screwed contacts, 2 terminal connectors, for 2 and 3 conductors.  
With brass cap.

messing	black	924.061	10	8,00
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**Line end switch type 5051, 2-way switch, 1-pole**

10 A, 250 V~  
Housing and strain relief screwed down, screwed contacts.

white	white	924.070	50	9,00
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**Line end switch type 8016, 1-pole**

10(2) A, 250 V~  
Housing and strain relief screwed down, screwed contacts.

white	white	924.073	50	4,80
black	black	924.074	50	4,80



**SWITCH &  
PUSH BUTTON**



Color housing	Color button	Art. No. unpacked	Packing	Price/€*
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**Line intermediate dimmer type 8013**

230 V~, from 20 up to 500 Watt. Dimensions: 107 x 60 x 30 mm. Hands and foot actuation.  
 - Low voltage halogen lamps (for conventional transformer)  
 - High voltage halogen lamps  
 - Incandescent lamps

black	black	924.075	1	26,00
white	white	924.076	1	26,00
gold	gold	924.077	1	29,00
titan	black	924.265	1	29,00

**Line end dimmer type 8013 with cable**

230 V~, from 20 up to 500 Watt. With 2 m cable and appliance plug. Hands and foot actuation.  
 - Low voltage halogen lamps (for conventional transformer)  
 - High voltage halogen lamps  
 - Incandescent lamps



black	black	924.078	1	38,00
white	white	924.079	1	38,00
gold	gold	924.080	1	40,00
titan	black	924.266	1	40,00

**Line intermediate dimmer type 7006**

230 V~ AC, 50 Hz, from 20 up to 500 Watt/VA. Dimensions: 82 x 40 x 28mm.  
 Continous brightness control from switching off to full brightness using the regulator button.  
 - Low voltage halogen lamps (for conventional transformer)  
 - High voltage halogen lamps  
 - Incandescent lamps



black	black	924.086	1	35,00
white	white	924.087	1	35,00
gold	gold	924.088	1	38,00

**Line intermediate dimmer type 8015**

230 V, from 40 up to 160 Watt  
**With illumination**, for incandescent lamps.  
 Dimensions: 92 x 28 x 27mm.



transparent		924.267	10	13,00
black		924.081	10	13,00
white		924.082	10	13,00

**SWITCH &  
PUSH BUTTON**

**Rocker switch for installation type 3652, with breaker, 1-pole**

16(8) A, 250 V~, T 125° C  
With and without illumination, flat terminals 6,3 x 0,8 mm, snap-in fixation for opening 11 x 30 mm.

Color housing	Color button	Art. No. unpacked	Packing	Price/€*
<b>without illumination, with rocker coinage 0</b>				
white	white	924.090	50	1,80
black	black	924.091	50	1,80
<b>illuminated, without rocker coinage</b>				
white	green	924.093	50	3,00
white	red	924.111	50	2,80
black	red	924.112	50	2,80
black	gelb	924.113	50	2,80
black	green	924.114	50	3,00

**Rocker switch for installation type 3652, change-over switch, 1-pole**

16(8) A, 250 V~, T 125° C  
Without illumination, without center position, flat terminals 6,3 x 0,8 mm, snap-in fixation for opening 11 x 30 mm.

Color housing	Color button	Art. No. unpacked	Packing	Price/€*
<b>without illumination, without rocker coinage</b>				
black	black	924.092	50	2,30

**Rocker switch for installation type 3652, breaker, 2-pole**

16(8) A, 250 V~, T 125° C  
With and without illumination, flat terminals 6,3 x 0,8 mm, snap-in fixation for opening 22 x 30 mm.

Color housing	Color button	Art. No. unpacked	Packing	Price/€*
<b>without illumination, with rocker coinage 0 I</b>				
white	white	924.094	50	2,30
black	black	924.095	50	2,30
<b>illuminated, with rocker coinage 0 I</b>				
white	red	924.096	50	3,50
black	green	924.097	50	3,80
black	gelb	924.098	50	3,50
black	red	924.099	50	3,50

**Rocker switch for installation type 3652, change-over switch, 2-pole**

16(8) A, 250 V~, T 125° C  
Without illumination, without center position, flat terminals 6,3 x 0,8 mm, snap-in fixation for opening 22 x 30 mm.

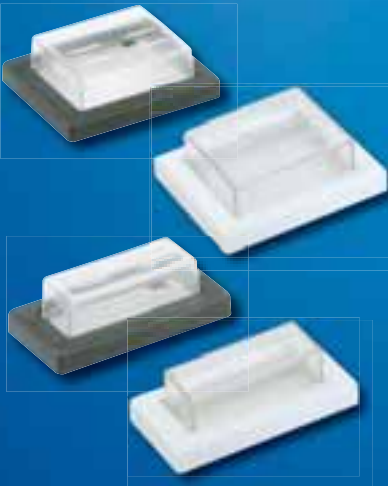
Color housing	Color button	Art. No. unpacked	Packing	Price/€*
<b>without illumination, without rocker coinage</b>				
black	black	924.109	50	4,00
black	red	924.110	50	4,00



\* Non binding price suggestion, without VAT, per piece



**SWITCH &  
PUSH BUTTON**



Color housing	Color rocker	Art. No. unpacked	Packing	Price/€*
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**Rocker switch for installation type 3652, with breaker, 2-pole**

16(8) A, 250 V~, T 125° C  
With and without illumination, flat terminals 6,3 x 0,8 mm, protection against contact, snap-in fixation for opening 22 x 30 mm.

<b>without illumination, with rocker coinage 0 I</b>				
black	black	924.122	50	4,00
<b>illuminated, with rocker coinage 0 I</b>				
black	green	924.121	50	4,40

**Rocker switch for installation type 3652, with breaker, 2 x 1-pole**

16(8) A, 250 V~, T 125° C  
With illumination, flat terminals 6,3 x 0,8 mm, snap-in fixation for opening 22 x 30 mm.

<b>illuminated, without rocker coinage</b>				
white	red/red	924.119	25	5,40
black	red/red	924.120	25	5,40

**PVC-caps and frames type 22**

Mountable later as a water and dust protection for type 3652.  
Not for Art. No. 924.121 and 924.122

<b>for 1 pole rocker switch</b>				
cap clear	frame white	924.115	50	0,60
cap clear	frame black	924.116	50	0,60
<b>for 2 pole rocker switch</b>				
cap clear	frame white	924.117	50	0,70
cap clear	frame black	924.118	50	0,70

**SWITCH &  
PUSH BUTTON**

Color housing	Color codes/frame	Art. No. unpacked	Packing	Price/€*
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**Push button switch type 3654, with breaker, 2-pole**

16(8) A, 250 V~, T 125° C  
 Without illumination, flat terminals 6,3 x 0,8 mm, **dust and water protection according to IP 54.**  
 Snap-in fixation for opening 22 x 30 mm.

<b>illuminated, with rocker coinage 0 I</b>				
black	black	924.123	25	4,40

**Push button switch type 3654, with breaker, 2-pole**

16(8) A, 250 V~, T 125° C  
**With illumination**, flat terminals 6,3 x 0,8 mm, **dust and water protection according to IP 54,**  
 snap-in fixation for opening 22 x 30 mm.

<b>lighted</b>				
black	refractor red, code black	924.125	25	5,00
black	refractor green, code black	924.126	25	5,40

**Push button switch type 3656, with breaker, 2-pole**

16(2) A, 250 V~, T 125° C  
 With and without illumination, with rubberdichtung, flat terminals 6,3 x 0,8 mm, mounting dimension Ø 25 mm,  
 for wall thickness from 0,7 up to 2,5 mm, **dust and water protection according to IP 65.**

<b>illuminated</b>				
black	red	924.257	25	5,00
<b>without illumination</b>				
black	black	924.256	25	4,00



\* Non binding price suggestion, without VAT, per piece

**SWITCH &  
PUSH BUTTON**



Color housing	Color rocker	Art. No. unpacked	Packing	Price/€*
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**Rocker switch for installation type 8004, with breaker, 1-pole**

6(2) A, 250 V~, T 85° C  
Snap-in fixation for 19,4 x 13 mm opening, flat terminals 4,8 mm.  
This version is suitable for switching halogen lights.

<b>without illumination, marking 0 I</b>				
black	black	924.127	50	1,80

**Rocker switch for installation type 8004, with breaker, 1-pole**

6(2) A, 250 V~, T 85° C  
Snap-in fixation for 19,4 x 13 mm opening screw connections.  
This version is suitable for switching halogen lights.

<b>without illumination, marking 0 I</b>				
black	red	924.128	50	2,80

**Rocker switch for installation type 8005, with breaker, 2-pole**

16(4) A, 250 V~, T 85° C  
Snap-in fixation for 22 x 30 mm opening, combined 6,3 mm flat terminal, M 3 screw terminals.

<b>with illumination, marking 0 I</b>				
black	red	924.129	50	4,00

**Rocker switch for installation type 8014, with breaker, 1-pole**

6(2) A, 250 V- AC, T 85° C  
Installation dimension Ø 22 mm, fastening screw thread M 22 screwed contacts with plastic hexagon nut.  
This version is suitable for switching halogen lights.

brown	brown	924.130	50	2,70
white	white	924.131	50	2,70
black	black	924.132	50	2,70

**Rocker switch for installation type 8014, with breaker, 1-pole**

6(2) A, 250 V- AC, T 120° C  
Installation dimension Ø 21,7 mm, screwed contacts, protection against contact.  
This version is suitable for switching halogen lights.

black	black	924.133	50	2,60
white	white	924.134	50	2,60
brown	brown	924.135	50	2,60

**Rocker switch for installation type 8014, with breaker, 2-pole**

16(4) A, 250 V~, T 85° C  
Snap-in fixation for 22 x 30 mm opening, combined 6,3 mm flat terminals, screw connections M 3, with water protection cap.

<b>with illumination, marking 0 I</b>				
red	red	924.136	50	4,40

**SWITCH &  
PUSH BUTTON**

**Color button Thread length Art. No. unpacked Packing Price/€\***

**Push button switch type 8001, with breaker, 1-pole**

2 (0,7) A, 250 V~, T 100° C  
Central fixation M 10 x 1 mm, screwed contacts, screwed insulated nut.

white	8 mm	924.142	100	1,60
black	8 mm	924.143	100	1,60

**Push button switch type 3030, with breaker, 1-pole**

2(1) A, 250 V~, T 85° C  
Central fixation M 10 x 1 mm, screwed contacts, screwed bell shaped nut.

white	11,5 mm	924.137	100	1,70
black	11,5 mm	924.138	100	1,70
hex-nut		924.139	100	0,20

**Push series switch type 3076, with serial switch, 1-pole**

2 A, 250 V~, T 100° C  
Central fixation M 12 x 1 mm, screwed contacts, screwed insulated nut, circuit 0-1-1+2-2-0.

white	8 mm	924.140	50	5,00
white	12 mm	924.141	50	5,40

**Button switch for installation type 3030, with breaker, 1-pole**

With special button, 2 (1) A, 250 V, T 85° C  
Central fixation with screw nut for 7,5 mm thread length, push button for mounting, simple assembly.  
Screw nut and button alternatively: titanium, white, black or brown.

<b>Push button switch</b>				
white	7,5 mm	924.255	100	1,70
<b>button</b>				
titanium	7,5 mm	924.246	100	1,20
white	7,5 mm	924.247	100	0,60
black	7,5 mm	924.248	100	0,60
brown	7,5 mm	924.249	100	0,60
<b>nut</b>				
titanium	7,5 mm	924.242	100	1,20
white	7,5 mm	924.243	100	0,60
black	7,5 mm	924.244	100	0,60
brown	7,5 mm	924.245	100	0,60



\* Non binding price suggestion, without VAT, per piece

**SWITCH &  
PUSH BUTTON**



Color button	Color thread length	Art. No. unpacked	Packing	Price/€*
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**Push button switch type 8001, with breaker, 1-pole**

2(0,7) A, 250 V~, T 100° C  
Central fixation M 10 x 1 mm, screwed contacts, screwed bell shaped nut.  
**With 2 thread-reducing rings, universal use for 8-15 mm thread.**

white	8-15 mm	924.145	100	2,20
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**Push button switch type 8001, with breaker, 1-pole**

6(2) A, 250 V~ AC, T 85° C  
Central fixation M 10 x 1 mm, screwed contacts, screwed insulated nut.  
This version is suitable for switching halogen lights.



white	8 mm	924.144	100	2,40
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**Push button type 8001, with breaker, 2-pole**

2 A, 250 V~ AC, T 55° C  
Central fixation M 10 x 1 mm, screwed contacts, screwed insulated nut.



white	8 mm	924.147	50	5,40
white	12 mm	924.148	50	5,40

**Push button type 8001, with shutter, 2-pole**

2 A, 250 V~ AC  
Without thread, screwed contacts.



white	-	924.146	50	4,40
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**Push button type 8001, with shutter, 1-pole**

2(0,7) A, 250 V~, T 100° C  
Central fixation M 10 x 1 mm, screwed contacts, screwed bell shaped nut.  
**With 2 thread reducing rings, universal use for 8-15 mm thread.**



white	8-15 mm	924.149	100	3,40
hex-nut		924.139	100	0,20

**SWITCH &  
PUSH BUTTON**

Color housing	Course cord guidance	Art. No. unpacked	Packing	Price/€*
<b>Pull switch type 3716, with breaker, 1-pole</b>				
4(1) A, 250 V~, T 125° C Two hole fixation, distance between screws 20 mm, fixation holes Ø 3,4 mm, screwed contacts.				
black	-	924.151	50	1,70
<b>Pull switch type 3730, with breaker, 1-pole</b>				
2(1) A, 250 V~, T 125° C One hole fixation Ø 3,2 mm, screwed contacts.				
black	-	924.152	100	1,70
<b>Pull switch type 3730, with breaker, 1-pole</b>				
2(1) A, 250 V~, T 125° C Distance between screws 22-25 mm, screwed contacts, with screwing on latches.				
black	-	924.153	100	1,90
<b>Pull switch type 3746, with breaker, 1-pole</b>				
2 A, 250 V~, T 125° C Two hole fixation, distance between screws 22 mm, fixation holes Ø 3,4 mm, screwed contacts.				
brown-black	frontal	924.154	50	2,30
brown-black	sides	924.155	50	2,30
<b>Pull switch type 3746, with breaker, 1-pole</b>				
2 A, 250 V~, T 125° C Distance between screws 23 mm, fixation holes Ø 3,4 mm, screwed contacts, with fastening plate.				
brown-black	frontal	924.156	50	2,50
<b>Pull switch type 8017, with breaker, 2-pole</b>				
2 A, 250 V~, T 100° C Two hole fixation, distance between screws 20 mm, fixation holes Ø 3,4 mm, screwed contacts.				
black	-	924.159	50	8,00



\* Non binding price suggestion, without VAT, per piece

**SWITCH &  
PUSH BUTTON**



Connection	Art. No. unpacked	Packing	Price/€*
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**Push-pull button type 3717, with shutter, 1-pole**

2 (1) A, 250 V, T 85 °C  
Clamping connections without screws, industrial version.

-	924.258	100	4,20
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**Pull switch installation type 3776, with serial switch, 1-pole**

2 A 250 V~, T 100 °C  
Two hole fixation, distance between screws 22 mm, fixation holes Ø 3,15 mm, screwed contacts, circuit 0-1-1+2-2-0.



-	924.157	50	5,00
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**Pull line**

25 cm, with pull cone, for switch types 3716, 3730, 3746, 8017, 3717 and 3776.



-	924.158 (white)	50	0,50
-	on request (black)		

**Rocker switch type 8400, with breaker, 1-pole**

6(4) A 250 V~, T 85 °C  
For devices class II. Central fixation M 12 x 0,75 mm, screwed on hexagonal and milled nut, rocker arm.  
Thermoplast body, silver contacts, silver plated terminals.  
This version is suitable for switching halogen lights.



solder connection	924.160	50	2,90
plug connection 4,8 mm	924.161		

**Rocker switch type 8400, with change-over switch, 1-pole**

6(4) A 250 V~, T 85 °C  
For devices class II. Central fixation M 12 x 0,75 mm, screwed on hexagonal and milled nut, rocker arm.  
Thermoplast, body, silver contacts, silver plated terminals.  
This version is suitable for switching halogen lights.



solder connection	924.162	50	3,00
plug connection 4,8 mm	924.163		

**SPECIAL-  
PRODUCTS**

Color/Type	Art. No. unpacked	Packing (cards)	Price/€*
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**Dawn switch DS-A type 8812**

230 V AC, 50/60 Hz, +/- 10 %  
 Suitable for ohms, inductive and capacitance rest, **also for energy saving lamps.**  
 Max. current 100 VA for temperatures from - 20 °C up to + 35 °C  
 - load current max. 430 mA  
 - switch on-swells ca 5-15 Lux  
 - switch of-swells ca 30-40 Lux  
 - moulded body  
 - VDE-approved  
 - extremely small execution LBH 34 x 22,5 x 16 mm (without Dom)

white	924.269	20	20,00
black	924.270	20	20,00

**Dawn switch DS-I type 8812**

230 V AC, 50/60 Hz, +/- 10 %  
 Suitable for ohms and inductive rest.  
 Max. current 100 VA for temperatures from - 20°C up to + 35°C  
 For luminescent material and incandescent lamps, switch on by twilight and off by dawn.  
 - for conventional transformer, fluorescent lamps with KVG, Incandescent lamps  
 - load current max. 430 mA  
 - switch on-swells ca. 120-280 Lux  
 - switch of-swells ca. 140-320 Lux  
 - extremely small execution LBH 34 x 22,5 x 16 mm (without Dom)

white	924.169	20	12,00
black	924.170	20	12,00

**Pulsestarter type 8600**

For fluorescent lamps  
 - cost saving  
 - preserves the environment  
 - 10 years warranty  
 - -30 °C bis +75 °C  
 - ENEC-approval

EFS 120/110-250 V, 15-22 W	924.167	10	8,00
EFS 600/200-260 V, 18-125 W	924.168	10	8,00

**Overload protection socket outlet 2way type 8110**

230 V~, 50 Hz/16 A  
 To connect 2 devices with high power consumption. I.e. washing machine and dryer.  
 - Power cable 1,5 m length, with plug  
 - 1 switch off outlet, power depending  
 - 1 permanent outlet  
 Dimensions: 75 x 45 x 270 mm  
 Weight: 450 g

-	924.164	1	56,00
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The overload protection socket solves problems by using 2 devices with high power consumption on one cable. I.e. washing machine and dryer. The fuse disconnection will be avoided as well as the installation of new cables. The simultaneous operation of both appliances is possible; the overload protection socket outlet switches off the dryer during the heating phase of the washing machine. After this phase, the dryer is automatically switched on. For electronic dryers, please read the instruction manual.





### Electrotechnical components „made by Bachmann“

Besides manufacturing according to your specifications, we also offer problem solving engineering solutions for complete components, i.e. power plugs, cables, electronics, plastic or metal housings or assembly of complete component groups.

Such services are tailor-made to your needs. We are willing to propose and discuss with you customized solutions to your needs. We can also take care of approval processes. Test us, we can offer cost cutting concepts and innovation potentials!

Substantial cost savings as well as innovation advantages of your products can thereby be exhausted.



We strive to offer added value, therefore we can check and present you the advantage you will get by working with us! Numerous top companies are already taking benefit from our services!

Own tooling and machine construction from casting forms to fully automatic machine.

Cord set manufacturing with specific developed plugs and couplings. We offer a large range of international outlets, plugs and connectors.

### Plug systems

Fitting for all European countries (excepted CH, I, UK)  
2 pole version without double earthing.

#### Euro flat plug small type 20 F

i.e. suitable for:



H03VVH2-F 2 x 0,75 mm<sup>2</sup>  
H05VVH2-F 2 x 0,75 mm<sup>2</sup>

#### Euro flat plug type 20

i.e. suitable for:



H03VVH2-F 2 x 0,75 mm<sup>2</sup>  
H05VVH2-F 2 x 0,75 mm<sup>2</sup>  
H03VV-F 2 x 0,75 mm<sup>2</sup>  
H05VV-F 2 x 0,75 mm<sup>2</sup>

#### Contour plug type 24

i.e. suitable for:



H03VV-F 2 x 0,75 mm<sup>2</sup>  
H05VV-F 2 x 1,00 mm<sup>2</sup>

#### Contour plug type 24 K

i.e. suitable for:



H05VV-F 2 x 0,75 mm<sup>2</sup>  
H05VV-F 2 x 1,00 mm<sup>2</sup>

#### Contour plug type 24 G

i.e. suitable for:



H05RN-F 2 x 1,00 mm<sup>2</sup>  
H07RN-F 2 x 1,00 mm<sup>2</sup>  
H07RN-F 2 x 1,50 mm<sup>2</sup>  
H05BQ-F 2 x 1,00 mm<sup>2</sup>  
H07BQ-F 2 x 1,50 mm<sup>2</sup>

#### Contour plug type 24 S

Splash proof and shock resistant,  
i.e. suitable for:



H07RN-F 2 x 1,00 mm<sup>2</sup>  
H07RN-F 2 x 1,50 mm<sup>2</sup>  
H05VV-F 2 x 1,0 mm<sup>2</sup>  
H05BQ-F 2 x 1,0 mm<sup>2</sup>  
H05BQ-F 2 x 1,5 mm<sup>2</sup>

**Plug systems**

Adapted for all European countries (excepted CH, I and UK)  
3-pole version with double earthing.

**German type right angle plug, type 30**

With double earthing

i.e. suitable for:

- H03VV-F 3G0,75 mm<sup>2</sup>
- H05VV-F 3G0,75 mm<sup>2</sup>
- H05VV-F 3G1,00 mm<sup>2</sup>
- H05VV-F 3G1,50 mm<sup>2</sup>
- H07BQ-F 3G1,50 mm<sup>2</sup>
- H05BQ-F 3G0,75 mm<sup>2</sup>



**German type straight plug, type 31**

With double earthing

i.e. suitable for:

- H03VV-F 3G0,75 mm<sup>2</sup>
- H05VV-F 3G1,00 mm<sup>2</sup>
- 05RV4-F 3G0,75 mm<sup>2</sup>
- H03V4V4-H 3G1,00 mm<sup>2</sup>
- H03RT-H 3G0,75 mm<sup>2</sup>



**German type straight plug, type 32**

With double earthing  
Splash proof

i.e. suitable for:

- H05VV-F 3G1,50 mm<sup>2</sup>
- H05RR-F 3G0,75 mm<sup>2</sup>
- H05RR-F 3G1,50 mm<sup>2</sup>
- H07RN-F 3G1,00 mm<sup>2</sup>
- H07RN-F 3G1,50 mm<sup>2</sup>
- H07BQ-F 3G1,50 mm<sup>2</sup>
- H07RN-F 3G2,50 mm<sup>2</sup>



**German type coupling, type 34**

i.e. suitable for:

- H05VV-F 3G1,00 mm<sup>2</sup>
- H05VV-F 3G1,50 mm<sup>2</sup>
- H05VV-F 3G2,50 mm<sup>2</sup>
- H07RN-F 3G1,00 mm<sup>2</sup>
- H07RN-F 3G1,50 mm<sup>2</sup>



**Switzerland plugs and couplings**

SEV-approved version!

**Switzerland plug, type 11, 10 A**

2-pole

i.e. suitable for:

- H03VVH2-F 2 x 0,75 mm<sup>2</sup>
- H05VVH2-F 2 x 1,0 mm<sup>2</sup>
- H05VV-F 2 x 1,00 mm<sup>2</sup>



**Switzerland plug, type 12, 10 A**

3-pole

i.e. suitable for:

- H03VV-F 3G0,75 mm<sup>2</sup>
- H05VV-F 3G0,75 mm<sup>2</sup>
- H05VV-F 3G1,00 mm<sup>2</sup>
- H05VV-F 3G1,50 mm<sup>2</sup>



**Switzerland coupling, type 11 D**

2-pole

i.e. suitable for:

- H03VVH2-F 2 x 0,75 mm<sup>2</sup>
- H03VV-F 2 x 0,75 mm<sup>2</sup>
- H05VV-F 2 x 1,00 mm<sup>2</sup>



**Switzerland plug, type 23 W, 10 A / 16 A**

3-pole

i.e. suitable for:

- H03VV-F 3G0,75 mm<sup>2</sup>
- H05VV-F 3G0,75 mm<sup>2</sup>
- H05VV-F 3G1,00 mm<sup>2</sup>
- H05VV-F 3G1,50 mm<sup>2</sup>



## INTERNATIONAL PLUGS

### Protection class 0, Plug type 44

2-pole

i.e. suitable for:

H03VV-F 2 x 0,75 mm<sup>2</sup>  
 H05VV-F 2 x 0,75 mm<sup>2</sup>  
 H05VV-F 2 x 1,00 mm<sup>2</sup>  
 H05VV-F 2 x 1,50 mm<sup>2</sup>



### UK-Plug 13 A, type 45-2

2-pole

Mounted, with built-in 13 A fuse,  
suitable for:

H03VVH2-2 x 0,75 mm<sup>2</sup>  
 H05VVH2-2 x 0,75 mm<sup>2</sup>  
 H03VV-F 2 x 0,75 mm<sup>2</sup>  
 H05VV-F 2 x 0,75 mm<sup>2</sup>  
 H05VV-F 2 x 1,00 mm<sup>2</sup>



### UK-Plug 13 A, type 45

3-pole

Mounted, with built-in 13 A fuse,  
suitable for:

H03VV-F 3G0,75 mm<sup>2</sup>  
 H05VV-F 3G0,75 mm<sup>2</sup>  
 H05VV-F 3G1,00 mm<sup>2</sup>  
 H05VV-F 3G1,50 mm<sup>2</sup>



### USA-Plug UL/CSA, type 46-2

2-pole

Cords according to your request.



### USA-Plug UL/CSA, type 46

3-pole

Cords according to your request.



### Development and production of new plug systems

We develop our products according to your specific needs!



Other connection systems on request, i.e. Australia, Argentina, Japan,  
or special developments i.e. halogen systems, industry ...

**IEC appliance connectors, 2- and 3 pole**

**INTERNATIONAL  
PLUGS**

**Cold connector plug, straight, type 35 S**

2-pole, 70° C

i.e. suitable for:

H05VV-F 2 x 0,75 mm<sup>2</sup>  
H05VV-F 2 x 1,00 mm<sup>2</sup>



**Cold connector plug, straight, type 35 S**

3-pole, 70° C

i.e. suitable for:

H05VV-F 3G 0,75 mm<sup>2</sup>  
H05VV-F 3G 1,00 mm<sup>2</sup>



**Cold connector-coupling, straight, type 35-2**

2-pole, 70° C

i.e. suitable for:

H05VV-F 2 x 0,75 mm<sup>2</sup>  
H05VV-F 2 x 1,00 mm<sup>2</sup>



**Cold connector-coupling, straight, type 35**

3-pole, 70° C

i.e. suitable for:

H05VV-F 3G 0,75 mm<sup>2</sup>  
H05VV-F 3G 1,00 mm<sup>2</sup>



**Cold connector-coupling, right angle, type 35-2 W**

2-pole, right, left, 70° C

i.e. suitable for:

H05VV-F 2 x 0,75 mm<sup>2</sup>  
H05VV-F 2 x 1,00 mm<sup>2</sup>



**Cold connector-coupling, right angle, type 35 W**

3-pole, right, left, 70° C

i.e. suitable for:

H05VV-F 3G 0,75 mm<sup>2</sup>  
H05VV-F 3G 1,00 mm<sup>2</sup>



**Warm connector coupling, type 36**

120° C mounted

Cable-types according to your request.



**Hot connector coupling, type 37**

155° C mounted

Cable-types according to your request.



**Small appliance coupling, type 25 D**

i.e. suitable for:

H03VVH2-F 2 x 0,75 mm<sup>2</sup>



**Strain relieves**

We are glad to manufacture according to your specifications or make a proposal corresponding to your needs.



**Metal parts, clips**

Wide range of end metal parts available.



Art. No.	Price/€*	EAN-Code 4016514...	Page	Art. No.	Price/€*	EAN-Code 4016514...	Page	Art. No.	Price/€*	EAN-Code 4016514...	Page
116.270	2,75	...000883	60	211.274	2,94	...001637	61	304.176	5,88	...002191	62
116.271	3,50	...000890	60	211.284	3,50	...001644	61	304.184	3,99	...002207	62
116.272	4,90	...000906	60					304.185	4,83	...002214	62
116.273	2,90	...000913	60	233.184	2,89	...001675	51	304.274	3,47	...002238	62
116.280	3,15	...000944	60	233.185	3,47	...001682	51	304.275	4,31	...002245	62
116.281	3,90	...000951	60	233.186	4,73	...001699	51	304.276	5,88	...002252	62
				233.284	2,89	...001705	51	304.284	3,99	...002269	62
118.270	2,90	...001002	60	233.285	3,47	...001712	51	304.285	4,83	...002276	62
118.271	3,40	...001019	60	233.286	4,73	...001729	51	304.974	3,78	...002290	62
								304.975	4,73	...002306	62
119.270	3,90	...001040	60	240.177	6,62	...001767	61				
119.271	5,00	...001057	60	240.187	7,14	...001774	61	305.174	3,89	...002313	62
119.272	7,00	...001064	60	240.189	8,93	...008100	61	305.175	4,94	...002320	62
119.273	4,10	...001071	60					305.176	6,93	...002337	62
119.274	5,20	...001088	60	241.174	2,84	...001781	61	305.184	4,41	...002344	62
119.280	4,30	...001101	60	241.175	3,68	...001798	61	305.185	5,46	...002351	62
119.281	5,40	...001118	60	241.274	2,84	...001828	61	305.186	7,46	...002368	62
119.282	7,40	...001125	60	241.275	3,68	...001835	61	305.274	3,89	...002375	62
								305.275	4,83	...002382	62
130.080	12,50	...014309	65	244.875	10,71	...001866	64	305.276	6,93	...002399	62
130.081	17,50	...014316	65	244.876	17,43	...001873	64	305.284	4,41	...002405	62
								305.285	5,46	...002412	62
131.080	17,00	...014323	65	246.174	4,83	...001880	64	305.286	7,46	...002429	62
131.081	29,00	...014330	65	246.175	6,72	...001897	64	305.974	4,31	...002436	62
				246.176	9,87	...001903	64	305.975	5,46	...002443	62
132.080	16,70	...018185	65	246.184	5,36	...001910	64				
132.081	30,40	...018192	65	246.185	7,25	...001927	64	311.173	2,84	...002450	62
				246.186	10,50	...001934	64	311.174	3,15	...002467	62
133.080	27,20	...018215	65	246.375	7,46	...001941	64	311.273	2,84	...002498	62
133.081	52,00	...018222	65	246.376	10,71	...001958	64	311.274	3,15	...002504	62
140.980	9,00	...001194	60	248.174	5,57	...001989	64	312.174	3,36	...002535	62
				248.175	7,67	...001996	64	312.175	4,10	...002542	62
141.980	5,40	...001248	60	248.176	11,45	...002009	64	312.274	3,36	...002573	62
				248.184	6,30	...002016	64	312.275	4,10	...002580	62
142.980	12,40	...001286	60	248.185	8,19	...002023	64				
				248.186	12,29	...002030	64	313.174	5,15	...002610	62
145.980	12,00	...001330	60					313.175	6,41	...002627	62
				249.875	13,23	...006212	64	313.184	5,67	...002634	62
150.070	375,00	...014347	65	249.876	19,74	...006229	64	313.185	6,93	...002641	62
150.072	190,00	...014637	65								
				251.173	2,42	...002047	63	314.974	5,15	...002658	62
151.070	720,00	...018208	65	251.183	2,94	...002054	63	314.975	6,41	...002665	62
151.072	430,00	...018178	65					314.984	5,67	...002672	62
				300.000	18,69	...017232	17	314.985	6,93	...002689	62
190.270	2,63	...001446	60/77	300.001	26,25	...017249	17				
190.271	2,70	...006199	60/77	300.002	34,65	...017256	17	320.174	6,72	...002696	65
190.272	1,70	...018727	70	300.003	20,79	...017263	17	320.175	8,93	...002702	65
190.273	0,70	...019137	70	300.004	28,35	...017270	17	320.176	13,13	...002719	65
				300.005	36,75	...017287	17	320.184	7,25	...002726	65
201.174	1,94	...001453	61	300.006	25,20	...017294	17	320.185	9,45	...002733	65
201.175	2,52	...001460	61	300.007	25,80	...019243	17	320.186	13,65	...002740	65
201.274	1,94	...001491	61								
201.275	2,52	...001507	61	301.174	3,15	...002061	62	321.174	4,52	...002757	65
				301.175	3,89	...002078	62	321.175	6,09	...002764	65
202.174	1,73	...001538	61	301.184	3,68	...002085	62	321.176	8,09	...002771	65
202.175	2,21	...001545	61	301.274	3,15	...002092	62				
202.184	2,26	...001552	61	301.275	3,89	...002108	62	322.174	7,46	...002818	65
202.185	2,73	...001569	61	301.284	3,68	...002115	62	322.175	9,87	...002825	65
202.274	1,73	...001576	61	301.974	3,47	...002122	62	322.176	15,02	...002832	65
202.275	2,21	...001583	61					322.184	7,98	...002849	65
202.284	2,26	...001590	61	302.174	6,09	...002139	61	322.185	10,40	...002856	65
202.285	2,73	...001606	61	302.274	6,09	...002153	61	322.186	15,54	...002863	65
211.174	2,94	...001613	61	304.174	3,47	...002177	62	323.185	12,29	...008131	65
211.184	3,50	...001620	61	304.175	4,31	...002184	62	323.186	16,07	...008148	65

Art. No.	Price/€*	EAN-Code 4016514...	Page	Art. No.	Price/€*	EAN-Code 4016514...	Page	Art. No.	Price/€*	EAN-Code 4016514...	Page
327.875	15,86	...002870	65	333.411	165,00	...014545	39	337.001	270,00	...012732	26
327.876	22,37	...002887	65	333.412	96,00	...014552	39	337.071	78,00	...008520	16
328.875	12,18	...006236	65	333.413	53,00	...014569	39	337.006	518,00	...019144	27
328.876	19,22	...006243	65	333.414	83,00	...014576	39	338.071	110,00	...008537	16
330.070	19,00	...000654	14	333.415	96,00	...014583	39	338.0200	400,00	...017065	24
330.071	22,80	...000661	14	333.416	36,00	...014590	39	338.0201	370,00	...017096	24
330.072	37,50	...000678	14	333.417	25,20	...014606	39	338.0203	112,00	...017126	22
330.073	43,00	...000685	14	333.418	41,00	...014613	39	338.0204	112,00	...017416	22
330.100	11,76	...013647	13	333.419	42,00	...014620	39	338.0205	120,00	...018864	22
330.101	13,86	...013654	13	333.505	41,00	...019267	38	338.0206	120,00	...018871	22
330.102	17,22	...013661	13	333.506	41,00	...019274	38	338.0219	420,00	...020676	24
330.103	21,00	...013678	13	333.534	60,00	...019472	38	338.0221	450,00	...020683	24
330.104	24,15	...013685	13	333.535	60,00	...019489	38	339.1000	46,00	...018734	21
330.105	35,07	...013692	13	333.536	86,00	...019496	38	339.1001	48,00	...018741	21
330.106	31,40	...013708	13	333.537	86,00	...019502	38	339.1002	43,00	...018758	21
330.107	51,45	...013715	13	333.538	52,00	...019519	39	339.1003	71,00	...018765	20
330.300	27,09	...019465	13	333.539	69,80	...020133	39	339.1004	73,00	...018772	20
331.000	17,00	...010882	14	333.540	73,50	...020126	39	339.1005	73,00	...018789	20
331.006	72,45	...010943	15	333.600	25,00	...019335	41	339.1006	114,00	...018796	20
331.007	90,30	...010950	15	333.601	25,00	...019342	41	339.1007	103,00	...018796	20
331.010	20,80	...013098	14	333.602	70,00	...019359	41	339.1007	101,00	...018802	21
331.011	35,50	...013104	14	333.604	46,00	...019366	41	339.1010	198,00	...019090	27
331.012	41,00	...013111	14	333.605	46,00	...019373	41	339.1034	79,00	...020324	20
331.013	44,00	...013128	15	333.0122	30,80	...019526	39	340.184	3,15	...002894	51
331.014	42,00	...013135	15	333.1001	96,20	...017072	25	340.284	3,15	...000708	51
331.024	85,05	...011841	15	333.1002	143,20	...017089	25	341.181	15,48	...008070	51
331.029	46,00	...012459	14	333.1003	66,50	...017102	24	341.184	3,60	...002931	51
331.031	37,00	...012473	14	333.1004	104,20	...017119	24	341.185	4,26	...002948	51
331.032	42,00	...012480	14	333.1005	66,50	...018888	24	341.186	6,14	...002955	51
331.033	46,00	...012497	14	333.1006	50,70	...018895	25	341.187	5,38	...002962	51
331.034	118,00	...012503	15	333.1007	35,00	...017133	22	341.188	8,32	...002979	51
331.035	147,00	...012510	16	333.1008	64,00	...017140	22	341.189	10,94	...002986	51
331.036	92,40	...012527	16	333.1009	105,46	...017157	23	341.200S	2,99	...014699	51
331.037	74,60	...012534	16	333.1046	105,40	...017072	25	341.201S	3,92	...014705	51
331.040	33,60	...012565	16	333.1063	104,20	...019328	25	341.202S	5,32	...014712	51
331.042	79,80	...012589	16	333.1100	49,70	...018819	23	341.203S	9,66	...014729	51
331.047	136,00	...013050	16	333.1101	86,10	...018826	23	341.281	15,48	...008087	51
331.071	74,55	...000692	15	333.1102	96,70	...018833	23	341.284	3,60	...000715	51
331.072	92,40	...006175	15	333.1103	151,30	...018840	23	341.285	4,26	...000722	51
331.074	107,10	...011865	15	333.1104	103,10	...018857	23	341.286	6,14	...000739	51
331.020 2	81,90	...008124	40	333.1105	178,00	...019106	27	341.287	5,38	...003020	51
332.071	88,00	...006182	15	333.1200	171,00	...018901	25	341.288	8,32	...003037	51
333.000	32,55	...010981	40	333.1201	145,60	...018918	25	341.289	10,94	...000746	51
333.001	32,55	...010998	40	333.1202	91,58	...018925	25	341.484	3,60	...003051	51
333.002	81,90	...011001	40	333.1204	178,00	...019113	27	341.485	4,26	...003068	51
333.004	55,65	...011025	40	334.001	68,00	...011049	29	341.486	6,14	...003075	51
333.005	55,65	...011032	40	334.002	145,00	...011575	29	341.489	10,94	...003105	51
333.006	87,00	...011162	31	334.003	107,00	...011056	29	341.870	30,40	...000128	51
333.010	54,00	...011223	40	334.006	62,00	...011063	29	341.871	55,00	...000135	51
333.011	97,00	...011230	40	335.002	48,00	...011094	28	341.879	12,50	...008186	51
333.071	117,00	...003006	15	335.007	97,00	...011124	28	341.880	81,90	...017775	44
333.400	35,70	...014439	38	335.008	64,00	...011131	28	343.170	11,80	...000777	52
333.401	35,70	...014446	38	335.009	90,00	...011148	28	343.171	17,80	...000784	52
333.402	81,90	...014453	38	335.011	125,00	...011582	28	343.172	41,80	...000791	52
333.403	81,90	...014460	38	335.021	138,00	...019120	27	343.173	75,80	...000807	52
333.404	55,65	...014477	38	336.000	33,00	...011629	30	343.174	48,00	...000814	52
333.405	55,65	...014484	38	336.001	36,00	...011650	30	343.175	55,00	...000821	52
333.406	71,40	...014491	38	336.002	34,20	...011988	30	343.176	73,00	...000838	52
333.407	96,60	...014507	38	336.003	33,00	...011995	31	343.177	33,00	...000098	52
333.408	73,50	...014514	39	336.004	56,00	...011667	31	343.178	59,80	...000081	52
333.410	47,00	...014538	39	336.006	59,00	...011674	31	343.179	16,50	...000845	52
				336.007	65,00	...011681	31	343.191	27,00	...008155	52
				336.009	39,00	...012008	30				

Art. No.	Price/€*	EAN-Code 4016514...	Page	Art. No.	Price/€*	EAN-Code 4016514...	Page	Art. No.	Price/€*	EAN-Code 4016514...	Page
343.192	59,00	...008162	52	361.284	6,50	...003549	63	381.430K	5,72	...007837	10
343.370	42,00	...000111	52	372.174	8,09	...003556	63	381.446K	4,32	...008360	11
343.371	79,00	...000104	52	372.175	9,45	...003563	63	381.447K	6,34	...007943	11
343.372	58,00	...000142	52	372.184	8,61	...003570	63	381.448K	8,26	...007967	11
343.373	28,00	...000869	52	372.185	9,98	...003587	63	381.449K	10,22	...007998	11
344.170	32,00	...003235	53	373.174	5,90	...003594	63	381.450K	6,98	...008018	11
344.171	45,00	...003242	53	373.184	6,50	...008569	63	381.453K	5,60	...010790	11
344.172	82,00	...003259	53	373.274	5,90	...003600	63	382.200	5,70	...018628	70
344.174	59,00	...003273	53	373.284	6,50	...008575	63	382.201	6,40	...018635	70
344.175	96,00	...003280	53	375.000	6,40	...011704	33	382.202	4,06	...018642	70
345.170	43,00	...003297	53	375.003	8,14	...011711	33	382.203	6,40	...018659	70
345.171	59,00	...003303	53	375.007	10,92	...011728	33	382.204	2,26	...018666	70
345.172	119,00	...003310	53	375.050	6,51	...011735	33	382.205	4,64	...018673	70
346.170	57,00	...003327	53	375.053	7,14	...011742	33	382.206	5,14	...018680	70
346.171	84,00	...003334	53	375.055	8,61	...011759	33	382.207	5,64	...018697	70
346.172	166,00	...003341	53	375.101	7,60	...019403	33	384.170	2,96	...000227	10
347.170	35,00	...003358	53	375.500	3,47	...011766	31/33	384.170S	1,90	...011247	12
347.171	53,00	...003365	53	375.501	0,74	...012411	33	384.270	2,96	...000234	10
347.172	104,00	...003372	53	375.502	3,57	...012053	31	384.270S	1,90	...011186	12
348.171	94,00	...003396	53	375.503	0,52	...012428	33	384.271S	2,63	...014262	12
348.172	210,00	...003402	53	375.504	2,34	...012374	33	384.470	2,96	...000241	10
349.000	9,60	...010196	52	375.505	2,66	...012381	33	384.470S	1,90	...011193	12
349.002	42,00	...010219	52	375.506	1,88	...012398	33	385.170	2,40	...003747	10
349.003	25,00	...010226	55	375.507	1,98	...012404	33	385.270	2,40	...003761	10
349.004	44,00	...010233	55	380.270	4,10	...003617	12	385.470	2,40	...003785	10
349.006	48,00	...010257	54	380.271	7,10	...003624	12	386.270	3,26	...003815	10
349.007	80,00	...010264	54	381.110K	4,56	...007844	10	387.170	3,54	...003839	10
349.008	94,50	...010271	55	381.121K	5,40	...008315	10	387.171	4,52	...003846	10
349.009	199,50	...010288	55	381.123K	3,40	...009916	10	387.172	7,20	...003853	10
349.010	339,00	...010295	55	381.130K	5,72	...007820	10	387.270	3,54	...003860	10
349.012	30,00	...010318	54	381.132K	4,40	...009930	10	387.270S	2,50	...014248	12
349.020	498,00	...010400	55	381.140K	6,28	...007875	11	387.271	4,52	...003877	10
349.027	48,00	...010479	54	381.140S	3,04	...011254	12	387.271S	3,44	...014255	12
349.028	34,00	...010486	54	381.143K	6,62	...007905	11	387.272	7,20	...003884	10
349.029	35,00	...010493	54	381.143S	3,36	...011261	12	388.170	3,82	...003921	10
349.033	36,00	...010530	54	381.146K	4,32	...008346	11	388.171	4,94	...003938	10
349.035	54,00	...010554	54	381.147K	6,34	...007936	11	388.172	7,20	...003945	10
349.183	79,00	...006342	54	381.148K	8,26	...007950	11	388.270	3,82	...003952	10
349.184	118,00	...006359	55	381.149K	10,22	...007974	11	388.271	4,94	...003969	10
349.185	137,00	...006366	55	381.150K	6,98	...008001	11	388.272	7,20	...003976	10
349.203	6,04	...018703	70	381.151K	8,46	...008025	11	388.471	4,94	...003990	10
349.204	6,38	...018710	70	381.152K	10,42	...008056	11	388.472	7,20	...004003	10
349.205	9,20	...020119	70	381.153K	5,60	...010776	11	392.180	37,00	...000173	48
351.174	4,73	...003419	63	381.210K	4,56	...007851	10	392.181	54,00	...000180	48
351.184	5,25	...003426	63	381.210K	4,56	...007851	10	392.182	76,00	...004119	48
351.974	4,73	...003433	63	381.221K	5,40	...007318	10	392.183	98,00	...004126	48
351.984	5,25	...003440	63	381.223K	3,40	...009923	10	392.184	25,00	...014361	50
353.175	5,99	...007110	63	381.230K	5,72	...007325	10	393.002	17,85	...010172	50
353.185	6,51	...003464	63	381.232K	4,40	...009947	10	393.005	15,80	...012336	50
353.975	5,99	...003471	63	381.240K	6,28	...007882	11	393.006	34,00	...012343	50
353.985	6,51	...003488	63	381.240S	3,04	...011209	12	394.180	11,80	...000586	56
356.974	6,41	...003495	63	381.243K	6,62	...007912	11	394.181	17,80	...000593	56
356.975	7,56	...003501	63	381.243S	3,36	...011216	12	394.182	19,80	...000609	56
361.174	6,00	...003518	63	381.246K	4,32	...008353	11	394.183	14,07	...006434	56
361.184	6,50	...003525	63	381.247K	6,34	...007349	11	394.184	10,82	...006441	56
361.274	6,00	...003532	63	381.248K	8,26	...007363	11	394.187	9,71	...012107	56
				381.249K	10,22	...007981	11				
				381.2501K	10,90	...008407	11				
				381.250K	6,98	...007356	11				
				381.251K	8,46	...008032	11				
				381.252K	10,42	...008063	11				
				381.253K	5,60	...010783	11				
				381.421K	5,40	...008322	10				

Art. No.	Price/€*	EAN-Code 4016514...	Page	Art. No.	Price/€*	EAN-Code 4016514...	Page	Art. No.	Price/€*	EAN-Code 4016514...	Page
395.180	52,00	...000197	48	654.182	30,66	...004768	67	692.182	65,94	...005284	67
395.181	84,00	...000203	48	654.280	12,00	...004775	67	692.280	26,78	...005291	67
396.181	19,80	...000210	48	654.281	20,79	...004782	67	692.281	42,84	...005307	67
396.182	33,00	...004164	48	654.282	30,66	...004799	67	692.282	65,94	...005314	67
396.183	30,00	...004171	48	654.283	10,92	...004805	69	692.283	25,00	...005321	69
396.184	46,00	...004188	49	654.284	18,48	...004812	69				
396.185	124,00	...004195	49					693.180	33,71	...005345	67
396.187	40,00	...004218	48	657.280	9,87	...004829	67	693.181	58,07	...005352	67
396.188	120,00	...008551	49	657.281	18,06	...004836	67	693.182	84,11	...005369	67
				657.282	26,57	...004843	67	693.280	33,71	...005376	67
397.000	68,00	...013609	48					693.281	58,07	...005383	67
397.001	48,00	...013616	48	662.170	10,00	...004850	68	693.282	84,11	...005390	67
397.002	64,00	...013623	48	662.171	17,00	...004867	68	693.283	29,00	...005406	69
397.003	22,00	...013630	48	662.180	11,00	...004874	68				
				662.181	17,50	...004881	68	720.000	9,50	...009558	56
398.000	172,00	...010042	50	662.270	10,00	...004898	68	720.006	25,20	...009190	56
398.001	55,00	...010059	50	662.271	17,00	...004904	68	720.013	14,80	...009268	57
398.002	178,00	...010066	50	662.280	11,00	...004911	68	720.020	139,00	...012091	57
398.003	72,00	...010073	50	662.281	17,50	...004928	68	720.021	199,00	...013074	57
398.007	184,00	...010110	50					720.022	120,00	...014279	57
398.180	98,00	...004225	48	663.170	11,00	...004935	68				
398.181	66,00	...004232	48	663.171	20,00	...004942	68	722.009	35,00	...009640	57
398.182	98,00	...004249	48	663.180	11,50	...004959	68				
398.183	58,00	...004256	48	663.181	20,50	...004966	68	730.004	59,00	...009671	57
398.184	72,00	...004263	48	663.270	11,00	...004973	68	730.005	3,15	...009824	78
398.185	98,00	...004270	48	663.271	20,00	...004980	68	730.008	16,70	...009855	78
398.186	96,00	...004287	48	663.280	11,50	...004997	68	730.011	29,00	...013081	57
				663.281	20,50	...005000	68				
399.180	147,00	...004294	49					740.000	0,75	...009725	59
399.181	90,00	...004300	49	665.870	33,08	...008285	69	740.001	0,30	...009732	59
399.182	112,00	...004317	49	665.871	59,64	...006533	69	740.002	4,90	...009749	59
399.183	258,00	...004324	49					740.003	12,50	...009756	59
399.186	310,00	...006458	49	672.180	12,00	...005017	69	740.004	4,60	...009763	59
399.187	168,00	...006465	49	672.181	18,00	...000029	69	740.005	39,00	...009770	58
399.188	216,00	...006472	49	672.280	12,00	...005024	69	740.006	68,00	...009787	58
399.189	250,00	...006489	49	672.281	18,00	...000036	69	740.007	58,00	...009794	58
								740.008	110,00	...009800	58
601.180	6,93	...004386	67	681.880	61,95	...005055	68	740.010	1,25	...012220	59
601.181	13,13	...004393	67	681.881	107,10	...005062	68	740.011	0,85	...012237	59
601.280	6,93	...004416	67	681.882	157,50	...005079	68	740.012	0,40	...012244	59
601.281	13,13	...004423	67					740.013	0,99	...017218	59
				682.880	46,20	...005086	68	740.014	308,00	...017225	58
611.170	7,14	...004447	68	682.881	84,00	...005093	68	740.015	5,90	...019175	59
611.270	7,14	...004485	68	682.882	127,05	...005109	68	740.017	11,35	...019229	59
624.871	34,86	...006502	68	683.880	54,60	...005116	68	852.101	4,99	...008636	45
				683.881	94,50	...005123	68	852.102	7,99	...008643	45
641.170	1,99	...006519	78	683.882	145,95	...005130	68	852.103	9,99	...008650	45
641.171	3,14	...013159	78					852.982	42,00	...020430	45
				684.880	28,35	...005147	68				
651.180	8,19	...004621	67	684.881	54,60	...005154	68	900.002	1,37	...010592	72
651.181	14,91	...004638	67	684.882	79,80	...005161	68	900.003	1,37	...010608	72
651.182	20,27	...004645	67					900.004	2,00	...010615	72
651.280	8,19	...004652	67	685.880	40,95	...005178	68	900.005	2,00	...010622	72
651.281	14,91	...004669	67	685.881	75,60	...005185	68	900.010	1,55	...012299	72
651.282	20,27	...004676	67	685.882	113,40	...005192	68	900.011	1,55	...012305	72
								900.012	2,78	...012312	72
653.180	8,61	...004683	67	691.180	21,53	...005208	67	900.013	2,78	...012329	72
653.181	16,91	...004690	67	691.181	38,85	...005215	67	900.180	5,47	...003013	49
653.182	24,26	...004706	67	691.182	58,28	...005222	67	900.181	23,10	...012367	49
653.280	8,61	...004713	67	691.280	21,53	...005239	67	900.187	11,81	...012152	49
653.281	16,91	...004720	67	691.281	38,85	...005246	67	900.1077	2,89	...017171	46
653.282	24,26	...004737	67	691.282	58,28	...005253	67				
654.180	12,00	...004744	67	692.180	26,78	...005260	67				
654.181	20,79	...004751	67	692.181	42,84	...005277	67				



Art. No.	Price/€*	EAN-Code 4016514...	Page	Art. No.	Price/€*	EAN-Code 4016514...	Page	Art. No.	Price/€*	EAN-Code 4016514...	Page
904.880	6,60	...014415	43	914.272	1,70	...005765	47	921.010	7,56	...010769	46
910.002	16,80	...010806	53	914.273	1,68	...005772	47	921.011	6,20	...012169	46
910.100	0,89	...011810	72	914.670	14,70	...007813	46	921.012	5,36	...012176	47
910.105	18,00	...019540	49	915.170	2,10	...005796	76	921.013	8,50	...020614	47
910.106	31,90	...019557	49	915.171	2,75	...005802	76	921.014	7,25	...019441	46
910.170	0,99	...006595	72	915.172	3,90	...006724	76	921.270	1,31	...005994	42
910.171	0,98	...005420	72	915.173	2,50	...006731	76	921.271	0,74	...006007	42
910.174	2,42	...017041	71	915.174	7,14	...014385	76	922.271	0,70	...006038	78
910.175	2,10	...014378	71	915.175	7,04	...016976	76	922.281	3,94	...006045	78
910.176	2,76	...012206	71	915.270	2,10	...005819	76	923.170	1,49	...006076	78
910.177	8,61	...017010	71	915.271	2,75	...005826	76	923.270	1,49	...006106	78
910.178	1,68	...017027	71	915.970	2,10	...005833	76	923.470	1,49	...006137	78
910.179	15,02	...017034	71	915.971	2,75	...005840	76	924.000	2,60	...015108	81
910.181	1,25	...012251	72	915.972	3,90	...006748	76	924.001	3,20	...015115	81
910.200	0,89	...011827	72	915.973	2,50	...006755	76	924.002	3,50	...015122	81
910.270	0,99	...005437	72	916.170	2,20	...005857	77	924.004	1,80	...015306	80
910.271	0,98	...005444	72	916.970	2,20	...005864	77	924.005	0,34	...015313	80
910.275	2,10	...012183	71	917.170	2,30	...005871	77	924.006	0,34	...015320	80
910.276	2,76	...012190	71	917.171	2,50	...005888	77	924.007	0,34	...015337	80
910.277	8,61	...017195	71	917.172	4,73	...016969	76	924.009	3,70	...015351	80
910.281	1,25	...012268	72	917.173	5,15	...016983	76	924.010	3,70	...015368	80
910.470	0,99	...005451	72	918.170	2,30	...005895	77	924.011	3,70	...015375	80
910.971	1,90	...005468	72	918.171	5,88	...019168	77	924.012	0,70	...015382	80
910.1011	2,20	...019564	56	919.000	13,65	...017300	42	924.013	0,70	...015399	80
911.170	1,39	...006632	73	919.001	26,25	...017317	42	924.014	0,70	...015405	80
911.171	5,20	...006649	73	919.002	40,95	...017324	42	924.016	3,50	...015429	81
911.172	1,10	...006656	73	919.014	205,00	...020409	44	924.017	3,50	...015436	81
911.174	7,04	...016990	73	919.015	238,00	...020416	44	924.018	3,50	...015443	81
911.270	1,39	...005475	73	919.016	158,00	...020423	44	924.019	3,50	...015450	81
911.271	5,20	...005482	73	919.169	7,60	...019427	71	924.020	3,50	...015467	81
911.272	1,10	...006663	73	919.170	2,70	...005901	77	924.021	17,50	...015474	81
911.273	7,40	...010585	73	919.171	9,00	...005918	74	924.022	17,50	...015481	81
911.470	1,39	...005499	73	919.173	5,41	...008599	11	924.023	3,60	...015498	82
911.472	1,10	...006670	73	919.175	17,96	...006786	75	924.024	3,60	...015504	82
912.170	1,50	...006687	73	919.176	5,10	...006793	75	924.025	3,60	...015511	82
912.171	1,73	...005512	72	919.177	6,60	...006809	75	924.026	3,60	...015528	82
912.173	2,94	...017058	71	919.178	11,00	...016945	74	924.027	4,60	...015535	82
912.174	2,94	...017003	71	919.179	7,40	...016952	74	924.028	4,40	...015542	82
912.181	2,10	...012275	72	919.183	48,00	...006762	43	924.029	4,40	...015559	82
912.270	1,50	...005529	73	919.189	62,79	...014675	44	924.030	5,80	...015566	82
912.271	1,73	...005536	72	919.189	62,79	...014682	44	924.031	5,80	...015573	82
912.273	2,94	...017201	71	919.190	62,79	...014682	44	924.032	3,50	...015580	83
912.274	2,94	...017188	71	919.270	2,70	...010639	77	924.033	3,50	...015597	83
912.281	2,10	...012282	72	919.273	5,41	...008605	11	924.034	3,50	...015603	83
912.470	1,50	...005543	73	919.281	23,00	...014392	42	924.035	3,70	...015610	83
912.971	2,10	...005550	73	919.284	46,00	...006779	43	924.036	2,60	...015627	82
913.169	4,70	...019410	71	919.285	48,00	...014286	43	924.037	2,60	...015634	82
913.170	38,85	...005567	52/75	919.286	49,00	...006762	43	924.038	2,60	...015641	82
913.171	2,35	...005574	74	919.288	11,60	...006816	42	924.039	2,80	...015658	82
913.172	3,60	...005581	74	919.371	3,94	...006151	52	924.040	2,00	...015665	82
913.173	4,00	...005598	74	920.000	5,80	...010653	42	924.041	2,00	...015672	82
913.174	4,35	...005604	74	920.170	1,89	...005963	42	924.042	2,00	...015689	82
913.175	6,40	...005611	75	920.270	1,89	...005970	42	924.043	4,40	...015696	83
913.176	3,78	...005628	53	921.000	11,03	...010660	47	924.044	4,40	...015702	83
913.177	5,30	...005635	53	921.001	4,99	...010677	47	924.045	4,40	...015719	83
913.178	5,20	...005642	53	921.002	4,88	...010684	47	924.046	4,80	...015726	83
913.179	6,30	...005659	53	921.003	6,09	...010691	47	924.047	3,80	...015733	83
913.370	5,88	...005666	53	921.004	7,19	...010707	46	924.048	3,80	...015740	83
913.371	7,35	...005673	53	921.005	5,57	...010714	46	924.049	3,80	...015757	83
914.270	4,80	...005741	47	921.006	3,90	...010721	46	924.050	4,00	...015764	83
914.271	1,52	...005758	47	921.008	3,36	...010745	46	924.051	5,20	...015771	83
								924.052	5,20	...015788	83
								924.053	5,20	...015795	83

Art. No.	Price/€*	EAN-Code 4016514...	Page	Art. No.	Price/€*	EAN-Code 4016514...	Page	Art. No.	Price/€*	EAN-Code 4016514...	Page
924.054	7,00	...015801	83	924.127	1,80	...016440	90	924.249	0,60	...018406	91
924.055	7,00	...015818	83	924.128	2,80	...016457	90	924.250	7,00	...018413	79
924.056	6,00	...015825	84	924.129	4,00	...016464	90	924.255	1,70	...018468	91
924.057	4,80	...015832	84	924.130	2,70	...016471	90	924.256	4,00	...018475	89
924.058	4,80	...015849	84	924.131	2,70	...016488	90	924.257	5,00	...018482	89
924.059	4,80	...015856	84	924.132	2,70	...016495	90	924.258	4,20	...018499	94
924.060	4,80	...015863	84	924.133	2,60	...016501	90	924.259	3,60	...018505	82
924.061	8,00	...015870	85	924.134	2,60	...016518	90	924.260	4,60	...018512	82
924.062	4,10	...015887	84	924.135	2,60	...016525	90	924.261	4,80	...018529	83
924.063	4,10	...015894	84	924.136	4,40	...016532	90	924.262	4,80	...018536	84
924.064	4,10	...015900	84	924.137	1,70	...016549	91	924.263	6,00	...018543	84
924.065	4,40	...015917	84	924.138	1,70	...016556	91	924.264	7,00	...018550	84
924.066	6,60	...015924	84	924.139	0,20	...016563	91/92	924.265	29,00	...018567	86
924.067	6,60	...015931	84	924.140	5,00	...016570	91	924.266	40,00	...018574	86
924.068	4,60	...015948	84	924.141	5,40	...016587	91	924.267	13,00	...018581	86
924.069	4,60	...015955	84	924.142	1,60	...016594	91	924.268	2,00	...018598	82
924.070	9,00	...015962	85	924.143	1,60	...016600	91	924.269	20,00	...018604	95
924.071	4,80	...015979	85	924.144	2,40	...016617	92	924.270	20,00	...018611	95
924.072	4,80	...015986	85	924.145	2,20	...016624	92	924.327	6,00	...020263	83
924.073	4,80	...015993	85	924.146	4,40	...016631	92	924.328	6,00	...020270	83
924.074	4,80	...016006	85	924.147	5,40	...016648	92	924.329	2,00	...020287	78
924.075	26,00	...016013	86	924.148	5,40	...016655	92	924.330	2,00	...020294	78
924.076	26,00	...016020	86	924.149	3,40	...016662	92	924.331	7,00	...020621	79
924.077	29,00	...016037	86	924.151	1,70	...016686	93	930.001	150,00	...013739	35
924.078	38,00	...016044	86	924.152	1,70	...016693	93	930.006	99,90	...019151	35
924.079	38,00	...016051	86	924.153	1,90	...016709	93	930.030	18,16	...018932	34
924.080	40,00	...016068	86	924.154	2,30	...016716	93	930.031	18,46	...018949	34
924.081	13,00	...016075	86	924.155	2,30	...016723	93	930.032	23,44	...018956	34
924.082	13,00	...016082	86	924.156	2,50	...016730	93	930.033	25,32	...018963	34
924.086	35,00	...016129	86	924.157	5,00	...016747	94	930.034	19,74	...018970	35
924.087	35,00	...016136	86	924.158	0,50	...016754	94	930.035	19,74	...018987	35
924.088	38,00	...016143	86	924.159	8,00	...016761	93	930.036	3,26	...018994	34
924.090	1,80	...016167	87	924.160	2,90	...016778	94	930.037	19,74	...019007	34
924.091	1,80	...016174	87	924.161	3,20	...016785	94	930.038	19,74	...019014	34
924.092	2,30	...016181	87	924.162	3,00	...016792	94	930.039	9,88	...019021	35
924.093	3,00	...016198	87	924.163	4,00	...016808	94	930.040	2,50	...019038	35
924.094	2,30	...016204	87	924.164	56,00	...016815	95	930.041	9,84	...019045	35
924.095	2,30	...016211	87	924.167	8,00	...016846	95	930.042	3,22	...019052	35
924.096	3,50	...016228	87	924.168	8,00	...016853	95	930.043	84,60	...019069	35
924.097	3,80	...016235	87	924.169	12,00	...016860	95	930.044	2,24	...019076	35
924.098	3,50	...016242	87	924.170	12,00	...016877	95	930.045	2,24	...019083	35
924.099	3,50	...016259	87	924.172	2,60	...016891	80	930.049	30,34	...020638	36
924.101	1,80	...015146	80	924.173	0,44	...016907	80	930.050	31,30	...020645	36
924.103	5,30	...015153	85	924.201	1,80	...015221	80	930.051	6,14	...020652	36
924.104	3,50	...015160	81	924.203	5,30	...015245	85	930.180	26,00	...016938	21
924.105	3,50	...015177	81	924.224	15,00	...017621	79	930.182	3,90	...020485	21
924.106	3,50	...015184	81	924.225	15,00	...017638	79				
924.107	3,50	...015191	81	924.226	15,00	...017645	79				
924.108	3,50	...015207	81	924.227	15,00	...017652	79	940.040	14,30	...020492	32
924.109	4,00	...016266	87	924.228	15,00	...017669	79	940.041	17,10	...020508	32
924.110	4,00	...016273	87	924.229	15,00	...017676	79	940.042	32,10	...020515	32
924.111	2,80	...016280	87	924.230	7,00	...017683	79	940.043	36,14	...020522	32
924.112	2,80	...016297	87	924.231	7,00	...017690	79	940.044	24,60	...020539	32
924.113	2,80	...016303	87	924.232	12,00	...017706	79	940.045	2,90	...020546	32
924.114	3,00	...016310	87	924.233	12,00	...017713	79	940.046	2,40	...020553	32
924.115	0,60	...016327	88	924.234	12,00	...017720	79	940.047	10,50	...020560	32
924.116	0,60	...016334	88	924.235	12,00	...017737	79	940.048	14,80	...020577	32
924.117	0,70	...016341	88	924.236	12,00	...017744	79	940.049	3,34	...020584	32
924.118	0,70	...016358	88	924.237	12,00	...017751	79				
924.119	5,40	...016365	88	924.242	1,20	...018338	91	950.000	0,50	...009909	78
924.120	5,40	...016372	88	924.243	0,60	...018345	91	950.002	0,71	...010004	78
924.121	4,40	...016389	88	924.244	0,60	...018352	91	950.003	1,16	...010011	78
924.122	4,00	...016396	88	924.245	0,60	...018369	91	950.004	1,10	...010028	78
924.123	4,40	...016402	89	924.246	1,20	...018376	91				
924.125	5,00	...016426	89	924.247	0,60	...018383	91	MK112-019	30,80	9120010824951	58
924.126	5,40	...016433	89	924.248	0,60	...018390	91	MK112-021	30,80	9120010827990	58



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