



■ CEEplus – Energy, data and signals

CEEplus plugs and sockets with additional contacts, 16A, 230V and 400V, IP 44

Page 114 to 117



CEEplus plugs and sockets as charging set, max. 32A, 230V, IP 44

Page 118 and 119

■ CEE plugs and sockets, 7 pole

CEE plugs and sockets, 7 pole, 16A and 32A, IP 44 and IP 67

Page 120 to 125



CEE receptacles, 7 pole, switched, interlocked, DUO 16A and 32A, IP 44 and IP 67

Page 126 and 127

■ CEE plugs and sockets 600V up to 690V, 5h

Receptacles, switched, interlocked, DUO, 16A up to 125A, IP 44 and IP 67

Receptacles, 16A and 32A, IP 44

Page 128 and 129



**Panel mounted receptacles, 16A up to 125A, IP 44 and IP 67
Plugs, 16A up to 125A, IP 44 and IP 67,
Connectors, 16A and 32A, IP 44**

Page 130 to 133

■ CEE plugs and sockets with a special "1h earth" position

Plugs and sockets with special "1h earth" position, 50V up to 500V, IP 44

Page 134 and 135



- Plugs and sockets CEEplus and 7 pole
- Plugs and sockets 600V – 690V and “1h earth” position

CEEplus plugs and sockets with additional contacts.



Energy and data.

- Your benefit:
just one socket for electrical power and signals.
- Perfect compatibility:
CEEplus plugs, connectors and receptacles may be combined with any traditional CEE products 16A, 3p, 230V or 16A, 5p, 400V.

For the industry

Just one installation to connect additional systems to manufacturing equipment or monitored consumers via a control-station.

For filling stations

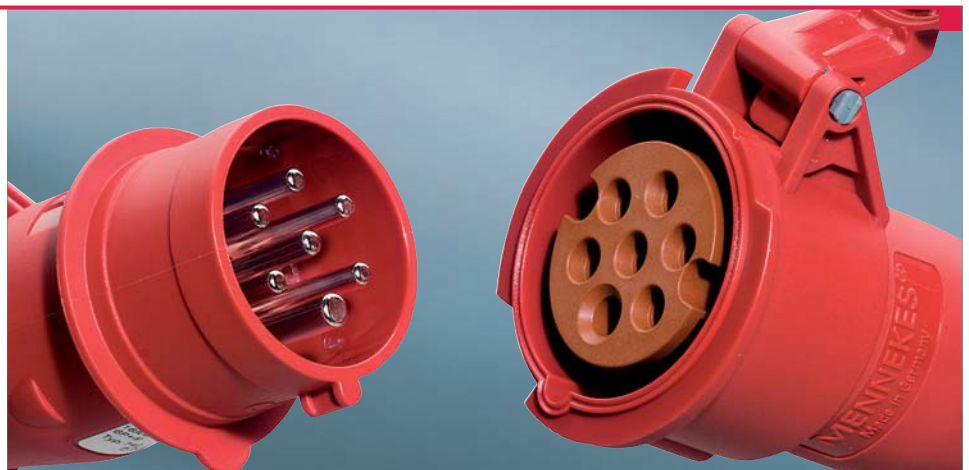
CEEplus is ideally suited for filling stations, e.g. for electric cars, or for camping sites and marinas.

Plugs and sockets 7 pole for multifunctional applications.

These 7 pole plugs and sockets provide solutions where there are multifunctional requirements in industry, farming and commerce.

This number of poles provides solutions in the following fields:

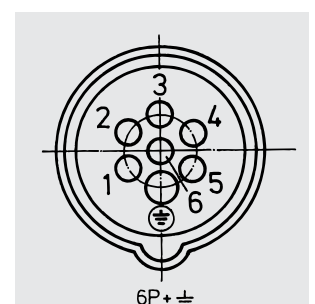
- Star-delta start-up
- Closed loop control
- Open loop control
- Monitoring
- Detection and alarms
- Clearing alarms
- Electrical interlocking



Position of ground contact tube with respect to polarisation keyway, designated by clockface position for 6P + ⊕, 16A and 32A.

Frequency Hz	Rated operating voltage V	Position of ground contact
50	42	1
100 to 300	above 50	10
above 300 to 500	above 50	2
DC	above 50 to 250	3
	above 250	8
50	110	4
	230	9
	400	6
	500	7
	above 500 to 690	5
50	220 to 240 downstream from isolating transformer	12

6P + ⊕



Plugs and sockets 600V to 690V for the industry and for power plants.

In these supply mains acc. to EN 60309 plugs and receptacles in 5h earth position have to be used.

Due to the high electro technical and technically safety requirements for use at 690V, 63A and 125A receptacles have to be operated with an interlocking facility only.

**600-
690 V**
50 a. 60 Hz

5h
3P+⏏
3P+N+⏏



5

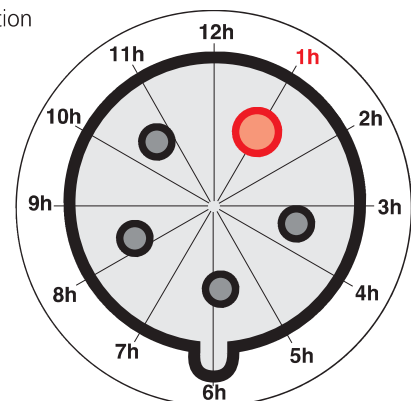
Plugs and sockets 16A and 32A, 4- and 5-pole must not be locked when used as surface or panel mounted receptacles in accordance with the applicable provisions.

CEE plugs and sockets with special "1h earth" position.



Ground contact position
"1h earth"

(Viewed from the front of the receptacles)



Unique with "1h earth" position

The table in chapter 20 (Information) gives details on the arrangement of the socket outlet with ground contact identifying various voltages and frequencies with clock position according to EN 60309-2:1997.

MENNEKES CEEplus receptacles and panel mounted receptacles with additional contacts for energy, data and signals

Plugs and sockets compatible with IEC 60309 / EN 60309, colour: electric grey and/or colour code.

Enclosure and insert made of **AMAPLAST**.

Auxiliary contacts made from silver-plated bronze.

Drawing	Amp.	16		
1 MB 209	Poles	3	4	5
Dim. in mm	a	87	100	100
	b	64	75	75
	c	99	110	113
	d	40	—	—
	d1	—	11	11
	e	50	59	59
	f	4,5	5	5
	g	4	4	4
	h	115	125	128
	M	20	20	20
	M*	M20 (blind) to be cut out		
Max. cable diam. (mm)		15	15	15
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5
		—4	—4	—4

Wall mounted receptacles CEEplus *)

with 4 additional contacts,
1 M 20 cable entry at the top and
1 M 20 blind entry (can be cut out)
at the bottom, internal fastening.
For solid supply lines for auxiliary
contacts, an additional adapter is
required.

▲ IP 44

Product group 1166, type 955 shown.

Drawing	Amp.	16	
1 MB 43	Poles	4	5
Dim. in mm	a	128	128
	b	84	84
	c	122	124
	d	11	11
	e	68	68
	f	5,3	5,3
	g	4	4
	h	144	145
	M	25	25
	M*	2x25 (blind) to be cut out	
Max. cable diam. (mm)		18	18
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5
		—4	—4

Wall mounted receptacles CEEplus *)

with 4 additional contacts,
1 M25 cable entry at the top and
2 M25 blind entries (can be cut out)
at the bottom, internal fastening.
Enclosure can be turned through 180°.
For solid supply lines for auxiliary
contacts, an additional adapter is
required.

▲ IP 44

Product group 1167, type 963 shown.

Drawing	Amp.	16	
1 MB 459/453	Poles	3	5
Dim. in mm	a	73,5	85
	b	64	85
	c	52	57
	d	60	70
	e	52	70
	f	5,3	5,5
	g	7	8
	g.1	2	2
	h	79	101
	k	51	33
	l	52	70
	l1	60	78
	alpha	20°	20°
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5
		—4	—4

Panel mounted receptacles CEEplus

with 4 additional contacts,
20° inclination

▲ IP 44

Product group 1149 (16A, 3P) and
1152 (16A, 5P), type 927 shown.

Drawing	Amp.	16	
1 MB 460/247	Poles	3	5
Dim. in mm	a	55	75
	b	55	75
	c	54	55
	d	45	60
	e	45	60
	f	5,5	5,5
	g	8	8
	g.1	2	2
	h	70	83
	h1	10	8
	k	40,5	32
	l	47	54
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5
		—4	—4

Panel mounted receptacles CEEplus

with 4 additional contacts,
straight

▲ IP 44

Product group 1150 (16A, 3P) and
1151 (16A, 5P), type 961 shown.

Drawing	Amp.	16	
1 MB 458/468	Poles	3	5
Dim. in mm	a	69	69
	b	57	69
	c	55	52
	d	38	32
	h	87	98
	k max.	30	32
	l	Ø61	Ø61
	l1	33,25	33,25
	t	2-9	2-9
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5
		—4	—4

Panel mounted receptacles RAPIDO® CEEplus

with 4 additional contacts,
centralized fastening Ø 61 mm

▲ IP 44

Product group 1159, type 956 shown.

*) Additional adapter needed if the auxiliary contacts are connected with solid wires.

Accessories:

Adapter for CEEplus

surface mounted receptacle from solid to flexible for auxiliary contacts, pre-assembled with cables and flat pin bushings.

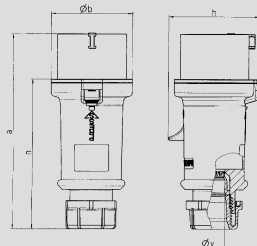
3  2p+E		5  3p+N+E		230V 50 a. 60 Hz 3-pole 5-pole 6h 9h		400V 50 a. 60 Hz 3-pole 5-pole 9h 6h		Part numbers		Std. Pack.	Weight
Amp.	Poles							Qty.	g/each		
16	3		955					10			
	5			963				10			
16	3		927					10			
	5			960				10			
16	3		946					10	141		
	5			961				10			
16	3		956					10			
	5			962				10			
40116											
											

MENNEKES CEEplus plugs, connectors and panel mounted inlets with additional contacts for energy, data and signals

Plugs and sockets compatible with IEC 60309 / EN 60309, colour: electric grey and/or colour code.

Enclosure and insert made of **AMAPLAST**.

Auxiliary contacts made from silver-plated bronze.



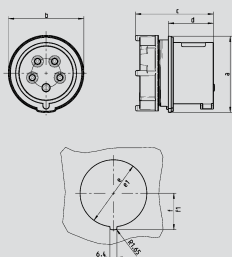
Drawing	Amp.	16		
		3	4	5
2 MB 214	Poles			
Dim. in mm	a	148	160	160
	b	55	65,6	65,6
	h	61	72,5	72,5
	n	112	123,5	123,5
	y	14,5	16	16
Terminal for cond. cross section (mm²) min.-max.		1 —2,5	1 —2,5	1 —2,5

Plug CEEplus

with 4 additional contacts, with screw terminals, cable gland and sealing, strain relief and protection against kinking, enclosure with thread lock and safety slide

⚠ IP 44

Product group 2198, type 978 shown.



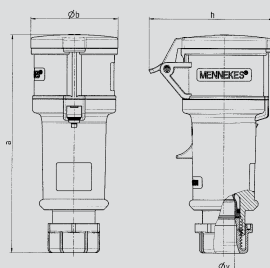
Drawing	Amp.	16	
		3	5
2 MB 220/216	Poles		
Dim. in mm	a	70	70
	b	69	69
	c	max. 73	max. 72
	d	44	44
	e	Ø61	Ø61
	f	33,25	33,25
	e1	—	—
	f1	—	—
Terminal for cond. cross section (mm²) min.-max.		1 —2,5	1 —2,5

Panel mounted inlet RAPIDO® CEEplus

with 4 additional contacts, **61 mm diameter**, central locking system

⚠ IP 44

Product group 2088, type 957 shown.



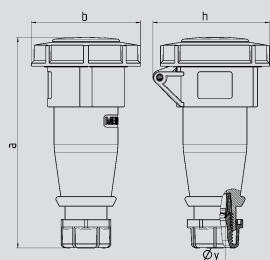
Drawing	Amp.	16		
		3	4	5
3 MB 60	Poles			
Dim. in mm	a	160	174	172
	b	57	61	69
	h	83	92	98
	y	16	16	16
Terminal for cond. cross section (mm²) min.-max.		1 —2,5	1 —2,5	1 —2,5

Connectors CEEplus

with 4 additional contacts, with screw terminals, cable gland and sealing, strain relief and protection against kinking, enclosure with thread lock and safety slide

⚠ IP 44

Product group 3198, type 928 shown.



Drawing	Amp.	16		
		3	4	5
3 MB 62	Poles			
Dim. in mm	a	146	166	172
	b	72	79	89
	h	80	88	95
	y	14,5	16	16
Terminal for cond. cross section (mm²) min.-max.		1 —2,5	1 —2,5	1 —2,5

Connector AM-TOP® CEEplus

with 4 additional contacts, single part body, cable gland and sealing, strain relief and protection against kinking

💧 IP 67

Product group 3196, type 984 shown.

Accessories:

Hybrid cable

3/5 x 2.5 mm² + 4 x 0.75 mm² screened for plugs and connectors.

3  2p+E		5  3p+N+E		230V 50 a. 60 Hz 3-pole 5-pole 6h 9h		400V 50 a. 60 Hz 3-pole 5-pole 9h 6h				Std. Pack.	Weight
Part numbers										Qty.	g/each
	16	3	926						10	139	
	16	5			978				10		
	16	3	957						10		
	16	5			983				10		
	16	3	928						10	200	
	16	5			982				10		
	16	5			984				10		
	for 16A, 3P				50780000						
	for 16A, 5P				50781000						

MENNEKES CEEplus plugs and sockets with additional contacts designed as charging sets

to IEC 62196-1 / EN 62191-1 (with VDE test mark), colour: electric grey and/or colour code.

Enclosure and insert made of **AMAPLAST**.

Auxiliary contacts made from silver-plated bronze.

	<table> <tr> <th>Drawing</th><th>Amp.</th><th>max. 32</th></tr> <tr> <td>1 MB 480</td><td>Poles</td><td>3</td></tr> <tr> <td>aux. contacts</td><td></td><td>4</td></tr> <tr> <td>a</td><td></td><td>87</td></tr> <tr> <td>b</td><td></td><td>64</td></tr> <tr> <td>c</td><td></td><td>99</td></tr> <tr> <td>d</td><td></td><td>40</td></tr> <tr> <td>d1</td><td></td><td>—</td></tr> <tr> <td>e</td><td></td><td>50</td></tr> <tr> <td>f</td><td></td><td>4,5</td></tr> <tr> <td>g</td><td></td><td>4</td></tr> <tr> <td>h</td><td></td><td>115</td></tr> <tr> <td>M</td><td></td><td>20</td></tr> <tr> <td>M*</td><td></td><td>(blind) to be cut out</td></tr> <tr> <td>Max. cable diam. (mm)</td><td></td><td>13</td></tr> <tr> <td>Terminal for cond. cross section (mm²) min.-max.</td><td></td><td>1,5 —10</td></tr> </table>	Drawing	Amp.	max. 32	1 MB 480	Poles	3	aux. contacts		4	a		87	b		64	c		99	d		40	d1		—	e		50	f		4,5	g		4	h		115	M		20	M*		(blind) to be cut out	Max. cable diam. (mm)		13	Terminal for cond. cross section (mm²) min.-max.		1,5 —10	Wall mounted receptacle CEEplus designed as charging set with 4 additional contacts, 1 M 20 cable entry at the top and 1 M 20 blind entry (can be cut out) at the bottom, internal fastening, for cables from 2.5 to 6.0 mm². An additional adapter is required (see page 114/115). ⚠ IP 44 Product group 1168, type 958 shown.
Drawing	Amp.	max. 32																																																
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aux. contacts		4																																																
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	<table> <tr> <th>Drawing</th><th>Amp.</th><th>max. 32</th></tr> <tr> <td>1 MB 479</td><td>Poles</td><td>3</td></tr> <tr> <td>aux. contacts</td><td></td><td>4</td></tr> <tr> <td>a</td><td></td><td>85</td></tr> <tr> <td>b</td><td></td><td>85</td></tr> <tr> <td>c</td><td></td><td>53</td></tr> <tr> <td>d</td><td></td><td>70</td></tr> <tr> <td>e</td><td></td><td>70</td></tr> <tr> <td>f</td><td></td><td>5,5</td></tr> <tr> <td>g</td><td></td><td>8</td></tr> <tr> <td>g-1</td><td></td><td>2</td></tr> <tr> <td>h</td><td></td><td>89</td></tr> <tr> <td>k</td><td></td><td>47</td></tr> <tr> <td>l min.-max.</td><td></td><td>57-78</td></tr> <tr> <td>α</td><td></td><td>20°</td></tr> <tr> <td>Terminal for cond. cross section (mm²) min.-max.</td><td></td><td>1,5 —10</td></tr> </table>	Drawing	Amp.	max. 32	1 MB 479	Poles	3	aux. contacts		4	a		85	b		85	c		53	d		70	e		70	f		5,5	g		8	g-1		2	h		89	k		47	l min.-max.		57-78	α		20°	Terminal for cond. cross section (mm²) min.-max.		1,5 —10	Panel mounted receptacle CEEplus designed as charging set with 4 additional contacts, 20° inclination, for cables from 2.5 to 6.0 mm². An additional adapter is required (see page 114/115). ⚠ IP 44 Product group 1153, type 943 shown.
Drawing	Amp.	max. 32																																																
1 MB 479	Poles	3																																																
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Drawing	Amp.	max. 32																																																
2 MB 224	Poles	3																																																
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	<table> <tr> <th>Drawing</th><th>Amp.</th><th>max. 32</th></tr> <tr> <td>3 MB 66</td><td>Poles</td><td>3</td></tr> <tr> <td>aux. contacts</td><td></td><td>4</td></tr> <tr> <td>a</td><td></td><td>183</td></tr> <tr> <td>b</td><td></td><td>57</td></tr> <tr> <td>h</td><td></td><td>83</td></tr> <tr> <td>y</td><td></td><td>17</td></tr> <tr> <td>Terminal for cond. cross section (mm²) min.-max.</td><td></td><td>1,5 —6</td></tr> </table>	Drawing	Amp.	max. 32	3 MB 66	Poles	3	aux. contacts		4	a		183	b		57	h		83	y		17	Terminal for cond. cross section (mm²) min.-max.		1,5 —6	Connector CEEplus designed as charging set with 4 additional contacts, with screw terminals, cable gland and external cable grip for cables from 2.5 to 6 mm² ⚠ IP 44 Product group 3199, type 981 shown.																								
Drawing	Amp.	max. 32																																																
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Technical data CEEplus and electric vehicle charging sets

Current / main contacts
No. of poles/ main contacts
Current capacity of additional contacts

Voltage on additional contacts
No. of poles/ additional contact
Leading/lagging
Material of additional contacts
Clockface position
Protection
Connection cross-section
min.

max.

Please note
(Additional contacts)

16A / charging plugs and sockets, up to max. 32A
3p or 5p / charging plugs and sockets only 3p

5mA up to max. 5A if power contacts are subject to max. 16A. (For currents less than 10 mA and voltages less than 10V, it may be an advantage to solder the wires)
min. 5V up to max. 50V
4, less than 4 on request
When connecting, 1 signal contact is lagging the other (min. 3 mm), and when disconnecting, it is leading.
Silver-plated bronze
6h, other positions (h) on request
IP 44

CEEplus power contacts 1.0 mm²
CEEplus additional contacts 0.3 mm²
charging plugs and sockets, power contacts 2.5 mm²
charging plugs and sockets, additional contacts 0.3 mm²
CEEplus power contacts 2.5 mm²
CEEplus additional contacts 2.5 mm²
charging plugs and sockets, power contacts 6.0 mm²
charging plugs and sockets, additional contacts 2.5 mm²
The flat pin bushings provided (red, fully insulated) can be used for connecting cross-sections 0.5 – 1.5 mm².
As an alternative, a soldered connection using a heat shrinkable insulation sleeve is possible.
The heat shrinkable sleeve is included in the delivery.

3  2p+E		230V 50 a. 60 Hz		3-pole 6h				Std. Pack. Qty.		Weight g/each		
Part numbers												
	max.										10	210
	32	3	958									
	max.										10	
	32	3	943									
	max.										10	
	32	3	959									
	max.										10	
	32	3	981									

Cable entry (plugs / connectors)

min.

16A 3p: 7.5 mm / charging plugs and sockets: 8.1 mm

16A 5p: 8.0 mm

max.

16A 3p: 14.5 mm / charging plugs and sockets: 16.5 mm

16A 5p: 16 mm

Terminal design

Power contacts

Additional contacts

Terminal connection

Power contacts

Additional contacts

Limitation on use

Standards

Assembling and fitting

High frequency characteristics

Screw-type terminal as socket-type terminal

Use fully insulated flat pin bushings 2.8 x 0.5 mm (4 bushings are included in the delivery)

Use a screwdriver

Flat cable lugs are connected using a suitable crimping tool and they can then be pushed on without a tool.

ATTENTION! When using CEE plugs with metal enclosures, short-circuiting of signal contacts may occur.

Therefore never insert CEE plugs with a metal enclosure into CEEplus receptacles or connectors!

IEC 60309/EN60309 compatible plugs and sockets, charging sets according to IEC 62196-1/EN 62196-1 with VDE mark.

See fitting instructions included in the delivery.

Crosstalk attenuation (near and far) of the system consisting of CEEplus receptacle, plug, MENNEKES hybrid cable, CEEplus connector

and panel mounted inlet between power and signal component:

max. 1 MHz, min. 50 dB

Capacitance of the signal component:

wire/wire: 95 nF/km, wire/screen: 150 nF/km

Cable inductivity signal pair: 0.65 mH/km

Data sheets on request!

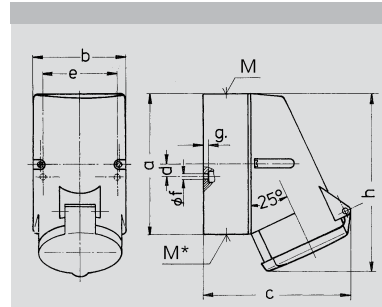
MENNEKES hybrid cable

MENNEKES CEE receptacles and panel mounted receptacles 7 pole, with highly heat resistant contact carriers and nickelplated contacts

to DIN VDE 0623-1, EN 60309-1, colour: electric grey and/or colour code.

Enclosure and insert made of **AMAPLAST**.

Other voltages and frequencies available on request.



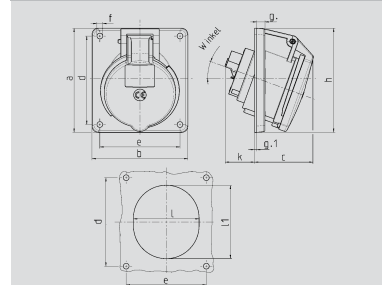
Drawing	Amp.	16	32
1 MB 257	Poles	7	7
Dim. in mm	a	128	128
	b	84	84
	c	124	138
	d	11	11
	e	68	68
	f	5,3	5,3
	g	4	4
	h	145	160
	M	25	32
	M*	(blind) to be cut out 2x25	(blind) to be cut out 2x25
Max. cable diam. (mm)		18	25
Terminal for cond. cross section (mm ²) min.-max.		1,5	2,5
		—4	—10

Receptacles

internal fixing,
one cable entry at the top,
two blind cable entries
(can be cut out) at the bottom,
enclosure can be turned
through 180°

▲ IP 44

Product group 1041, type 734 shown.



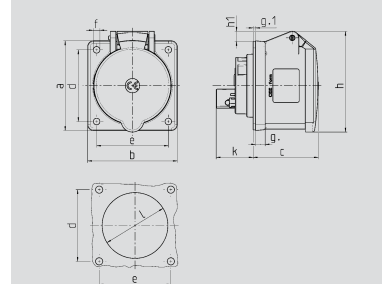
Drawing	Amp.	16	32
1 MB 260	Poles	7	7
Dim. in mm	a	100	100
	b	92	92
	c	58	61
	d	85	85
	e	77	77
	f	5,5	5,5
	g	8	8
	g.1	2	2
	h	100	106
	k	40	55
	l	65	72
	h	72	85
	o	20°	20°
Terminal for cond. cross section (mm ²) min.-max.		1,5	2,5
		—4	—10

Panel mounted receptacles

20° inclination

▲ IP 44

Product group 1044, type 1045 shown.



Drawing	Amp.	16	32
1 MB 247	Poles	7	7
Dim. in mm	a	75	85
	b	75	75
	c	53	65
	d	60	60
	e	60	60
	f	5,5	5,5
	g	8	8
	g.1	2	2
	h	83	100
	h1	8	12
	k	32	39
	l	54	62
Terminal for cond. cross section (mm ²) min.-max.		1,5	2,5
		—4	—10

Panel mounted receptacles

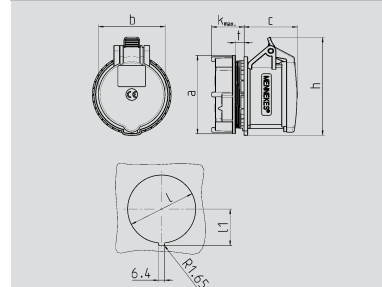
straight,
flange: 75 x 75 mm,
fixing hole spacing: 60 x 60 mm

▲ IP 44

Product group 1056, type 2443 shown.

Blind flange

to close unused openings, see
chapter 11 (SCHUKO®)



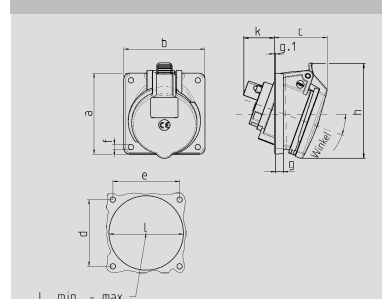
Drawing	Amp.	16	32
1 MB 468	Poles	7	7
Dim. in mm	a	81	81
	b	69	80
	c	55	64
	k	max. 33	max. 39
	h	102	108
	l	70	70
	h1	37,75	37,75
	t	2-9	2-9
Terminal for cond. cross section (mm ²) min.-max.		1,5	2,5
		—4	—10

Panel mounted receptacles RAPIDO®

screw terminals,
for wall apertures **70 mm diameter**,
central fixing

▲ IP 44

Product group 2045, type 1162 shown.



Drawing	Amp.	16	32
1 MB 453	Poles	7	7
Dim. in mm	a	85	85
	b	85	85
	c	57	67
	d	70	70
	e	70	70
	f	5,5	5,5
	g	8	8
	g.1	2	2
	h	101	110
	k	41	49
	l min.	70	78
	l max.	78	78
Terminal for cond. cross section (mm ²) min.-max.		1,5	2,5
		—4	—10

Panel mounted receptacles with standard flange dimensions,

suitable for through wiring,
flange: 85 x 85 mm
fixing hole spacing: 70 x 70 mm
20° inclination

▲ IP 44

Product group 1018, type 3022 shown.

Auxiliary contact

for receptacles and panel mounted receptacles 16A and 32A of product groups 1018, 1019, 1041, 1049, 1132, 1141, 1146 and 1148 as well as 32A of product groups 1044, 1048, 1133 and 1135.

Function: Change-over contact = NC/NO

Connected load: 16A (4A)* / ~ 250V

10A (3A)* / ~ 400V

* for inductive or motor load

7  6p+E		230V 50 a. 60 Hz 400V 50 a. 60 Hz 500V 50 a. 60 Hz					
Amp.	Poles	7-pole 9h	7-pole 9h	7-pole 9h	Std. Pack.	Weight	
Part numbers					Qty.	g/each	
	16 7	733	734	1035	10	355	
	32 7	735	736	1040	10	463	
	16 7	737	738	1045	10	215	
	32 7	739	740	1050	10	300	
	16 7		2443		10		
	32 7		2584		10		
	16 7		1162		10		
	32 7		1163		10		
	16 7 H	3021	3022	3023	10		
	32 7 H	3121	3120	3123	10		
	Part no. 41000				10		
							
H May be fitted with auxiliary contact.							

H May be fitted with auxiliary contact.

MENNEKES CEE receptacles and connectors 7 pole, with highly heat resistant contact carriers and nickelplated contacts

to DIN VDE 0623-1, EN 60309-1, colour: electric grey and/or colour code.

Enclosure and insert made of **AMAPLAST**.

Other voltages and frequencies available on request.

Drawing	Amp.	16	32
1 MB 406	Poles	7	7
Dim. in mm	a	95	120
	b	102	112
	c	129	150
	d	64,2	90,2
	e	77,5	79
	e1	88	98,5
	f	5,5	5,5
	g	5	5
	h	132	160
	M	25	32
	M*	M25 (blind) to be cut out	M32 (blind) to be cut out
Max. cable diam. (mm)		18	25
Terminal for cond. cross section (mm²) min.-max.		1,5	2,5
		—4	—10

Receptacles
4 external fixings,
one cable entry at the top,
two blind cable entries
(can be cut out) at the bottom

☾ IP 67
Product group 1049, type 2648 shown.

Drawing	Amp.	16	32
1 MB 251	Poles	7	7
Dim. in mm	a	100	100
	b	92	92
	c	62	66
	d	85	85
	e	77	77
	f	5,5	5,5
	g	8	8
	g.1	2	2
	h	105	113
	i	96	110
	k	39	54
	l	65	72
	m	72	85
	n	20°	20°
Terminal for cond. cross section (mm²) min.-max.		1,5	2,5
		—4	—10

Panel mounted receptacles
20° inclination

☾ IP 67
Product group 1048, type 2317 shown.

Drawing	Amp.	16	32
1 MB 141	Poles	7	7
Dim. in mm	a	75	85
	b	75	75
	c	61	72
	d	60	60
	e	60	60
	f	5,5	5,5
	g	8	8
	g.1	2	2
	h	95	105
	i	96	110
	k	32	39
	l	54	65
Terminal for cond. cross section (mm²) min.-max.		1,5	2,5
		—4	—10

Panel mounted receptacles
straight

☾ IP 67
Product group 1046, type 2711 shown.

Blind flange
to close unused openings, see
chapter 11 (SCHUKO®)

Drawing	Amp.	16	32
1 MB 452	Poles	7	7
Dim. in mm	a	85	85
	b	85	85
	c	60	72
	d	70	70
	e	70	70
	f	5,5	5,5
	g	8	8
	g.1	2	2
	h	99	110
	i	96	110
	k	41	49
	l min.	70	78
	l max.	78	78
Terminal for cond. cross section (mm²) min.-max.		1,5	2,5
		—4	—10

Panel mounted receptacles with standard flange dimensions,
suitable for through wiring,
flange: 85 x 85 mm
fixing hole spacing: 70 x 70 mm
20° inclination

☾ IP 67
Product group 1019, type 1096 shown.

Drawing	Amp.	16	32
3 MB 63	Poles	7	7
Dim. in mm	a	167	208
	b	76	89
	h	98	108
	y	16	22
Terminal for cond. cross section (mm²) min.-max.		1	2,5
		—2,5	—6

Connectors AM-TOP®
single part body,
with screw terminals,
cable gland and sealing,
strain relief and protection
against kinking

⚠ IP 44
Product group 3141, type 745 shown.

Drawing	Amp.	16	32
3 MB 62	Poles	7	7
Dim. in mm	a	172	213
	b	89	102
	h	95	105
	y	16	22
Terminal for cond. cross section (mm²) min.-max.		1	2,5
		—2,5	—6

Connectors AM-TOP®
single part body,
with screw terminals,
cable gland and sealing,
strain relief and protection
against kinking

☾ IP 67
Product group 3149, type 2255 shown.

7



6p+E

230V
50 a. 60 Hz400V
50 a. 60 Hz500V
50 a. 60 Hz7-pole
9h7-pole
9h7-pole
9hAmp.
Poles

Std. Pack.

Weight

Part numbers

Qty. g/each



16	7	3240	2746	3262	10	330
32	7	2818	2648	2782	10	480



16	7	2883	2459	2296	10	230
32	7		2317	2212	10	330



16	7		2711		10	206
32	7		2988		10	297



16	7 H	1095	1096	1097	10	140
32	7 H	3242	3243	3244	10	336

H May be fitted with auxiliary contact.
(see page 120/121).



16	7	745	746	1065	10	242
32	7	747	748	1070	10	322



16	7	3783	3916	3784	10	270
32	7	2406	2255	2460	10	350

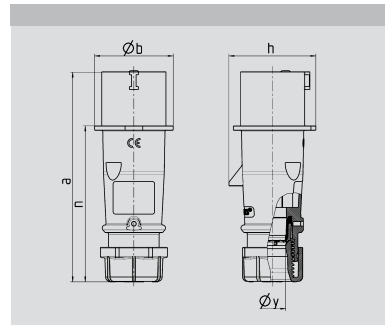
5

MENNEKES CEE plugs and inlets 7 pole, with highly heat resistant contact carriers and nickelplated contacts

to DIN VDE 0623-1, EN 60309-1, colour: electric grey and/or colour code.

Enclosure and insert made of **AMAPLAST**.

Other voltages and frequencies available on request.



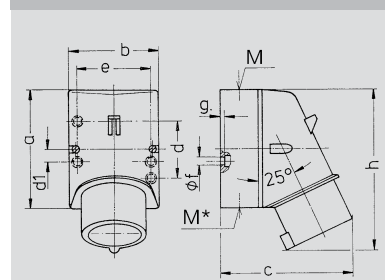
Drawing	Amp.	16	32
2 MB 217	Poles	7	7
Dim. in mm	a	147	180
	b	67	77
	h	76	89,5
	n	110,5	135
	y	16	22
Terminal for cond. cross		1	2,5
section (mm²) min.-max.		—2,5	—6

Plugs AM-TOP®

single part body,
with screw terminals,
cable gland and sealing,
strain relief and protection
against kinking

⚠ IP 44

Product group 2041, type 742 shown.



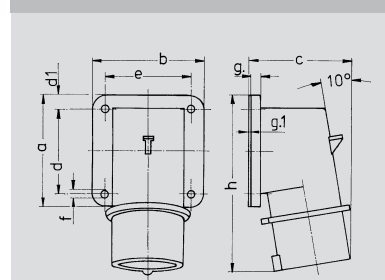
Drawing	Amp.	16	32
2 MB 147	Poles	7	7
Dim. in mm	a	100	128
	b	75	84
	c	110	135
	d	—	—
	d1	10,5	11
	e	59	68
	f	5	5,3
	g	4	4
	h	135	170
	M	20	32
	M*	20 (blind) to be cut out	2x25 (blind) to be cut out
Max. cable diam. (mm)		15	18
Terminal for cond. cross		1	2,5
section (mm²) min.-max.		—2,5	—4

Wall mounted inlets

20° inclination

⚠ IP 44

Product group 2045, type 2166 shown.

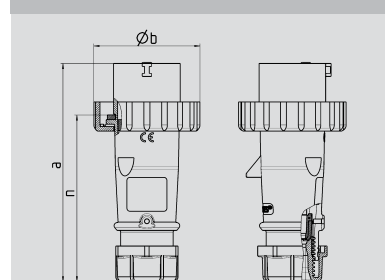


Drawing	Amp.	16	32
2 MB 71	Poles	7	7
Dim. in mm	a	85	75
	b	85	90
	c	79	90
	d	64	45
	d1	10	13
	e	64	78
	f	5,5	5,5
	g	6	6
	g.1	2	2
	h	129	138
Terminal for cond. cross		1	2,5
section (mm²) min.-max.		—2,5	—6

Panel mounted inlets

⚠ IP 44

Product group 2051, type 1075 shown.



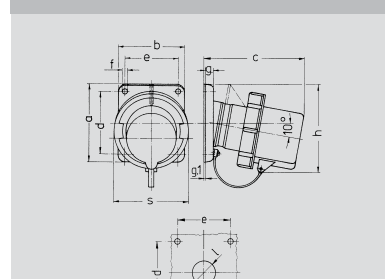
Drawing	Amp.	16	32
2 MB 218	Poles	7	7
Dim. in mm	a	147	180
	b	87	101
	n	114	138
	y	16	22
Terminal for cond. cross		1	2,5
section (mm²) min.-max.		—2,5	—6

Plugs AM-TOP®

single part body,
with screw terminals,
cable gland and sealing,
strain relief and protection
against kinking

⚠ IP 67

Product group 2049, type 3777 shown.



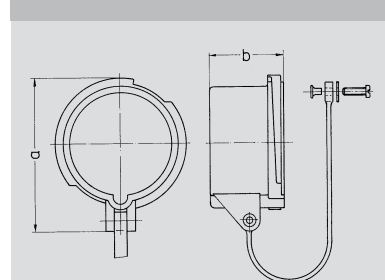
Drawing	Amp.	16	32
2 MB 203	Poles	7	7
Dim. in mm	a	85	85
	b	85	85
	c	132	137
	d	70	70
	e	70	70
	f	6,3	6,3
	g	11	11
	g.1	2	2
	h	107	111
	s	86	102
	t	30	30
Terminal for cond. cross		1	2,5
section (mm²) min.-max.		—2,5	—6

Panel mounted inlets

with protective cap

⚠ IP 67

Product group 2067, type 3914 shown.



Drawing	Amp.	16	32
2 MB 204	Poles	7	7
Dim. in mm	a	86	99
	b	42	52

Protective caps

for watertight plugs and
panel mounted inlets

⚠ IP 67

Product group 8276, type 40786 shown.

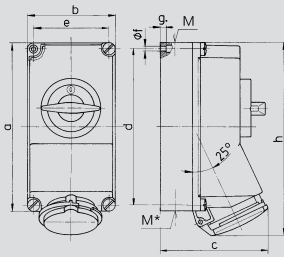
7  6p+E		230V 50 a. 60 Hz			400V 50 a. 60 Hz		500V 50 a. 60 Hz					
		Amp.	Poles	7-pole 9h	7-pole 9h	7-pole 9h			Std. Pack.	Weight		
Part numbers											Qty.	g/each
	16	7		741	742	1055			10	195		
	32	7		743	744	1060			10	295		
	16	7			2166				10	260		
	32	7			2167				10	430		
	16	7		749	750	1075			10	201		
	32	7		751	752	1080			10	282		
	16	7		3776	3777	3913			10	245		
	32	7		2405	2324	2213			10	290		
	16	7			3914				10	310		
	32	7			3915				10	325		
		Amp.	Poles	Part no.								
	16		7	40785								
	32		7	40786								

MENNEKES CEE receptacles, switched, interlocked, 7 pole, with highly heat resistant contact carriers and nickelplated contacts

to DIN VDE 0623-1, EN 60309-1, colour: electric grey and/or colour code.

Enclosure and insert made of **AMAPLAST**. Other voltages and frequencies available on request.

MENNEKES CEE receptacles with DUO interlock can be padlocked.



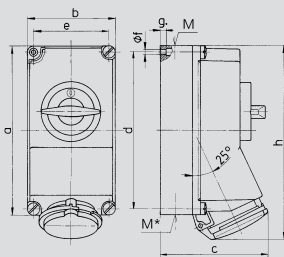
Drawing	Amp.	16	32
1 MB 383	Poles	7	7
Dim. in mm	a	225	225
	b	118	118
	c	141	146
	d	208	208
	e	101	101
	f	6,3	6,3
	g	8	8
	h	254	264
	M	1x32 and 1x25	1x32 and 1x25
	M*	2x25	2x25
Max. cable diam. (mm)		25	25
Terminal for cond. cross section (mm²) min.-max.		1,5 —4	2,5 —10

Receptacles

switched,
with mechanical **DUO** interlock,
3 pole switch,
can be padlocked

▲ IP 44

Product group 1075, type 5536 shown.



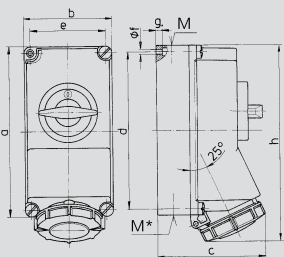
Drawing	Amp.	16	32
1 MB 383	Poles	7	7
Dim. in mm	a	225	225
	b	118	118
	c	141	146
	d	208	208
	e	101	101
	f	6,3	6,3
	g	8	8
	h	254	264
	M	1x32 and 1x25	1x32 and 1x25
	M*	2x25	2x25
Max. cable diam. (mm)		25	25
Terminal for cond. cross section (mm²) min.-max.		1,5 —4	2,5 —10

Receptacles

switched,
with mechanical **DUO** interlock,
6 pole switch with 2 auxiliary contacts
(1 NO and 1 NC),
can be padlocked

▲ IP 44

Product group 1075, type 7304 shown.



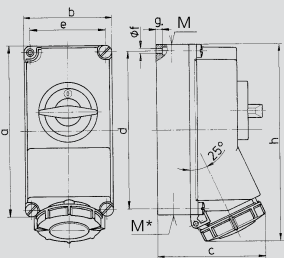
Drawing	Amp.	16	32
1 MB 382	Poles	7	7
Dim. in mm	a	225	225
	b	118	118
	c	147	153
	d	208	208
	e	101	101
	f	6,3	6,3
	g	8	8
	h	259	274
	M	1x25 a. 1x32	1x25 a. 1x32
	M*	2x25	2x25
Max. cable diam. (mm)		25	25
Terminal for cond. cross section (mm²) min.-max.		1,5 —4	2,5 —10

Receptacles

switched,
with mechanical **DUO** interlock,
3 pole switch,
can be padlocked

▲ IP 67

Product group 1074, type 5785 shown.



Drawing	Amp.	16	32
1 MB 382	Poles	7	7
Dim. in mm	a	225	225
	b	118	118
	c	147	153
	d	208	208
	e	101	101
	f	6,3	6,3
	g	8	8
	h	259	274
	M	1x25 a. 1x32	1x25 a. 1x32
	M*	2x25	2x25
Max. cable diam. (mm)		25	25
Terminal for cond. cross section (mm²) min.-max.		1,5 —4	2,5 —10

Receptacles

switched,
with mechanical **DUO** interlock,
6 pole switch with 2 auxiliary
contacts (1 NO and 1 NC),
can be padlocked

▲ IP 67

Product group 1074, type 7306 shown.

7



6p+E

400V
50 a. 60 Hz

500V
50 a. 60 Hz
7-pole
9h7-pole
9h

Std. Pack.

Weight

Amp.
Poles

Part numbers

Qty. g/each



16 7

5536

1 1200

32 7

7061

1 1300



16 7

7304

7320

1 1439

32 7

7305

5683

1 1580



16 7

5785

1 1200

32 7

6106

1 1369



16 7

7306

1 1396

32 7

7307

1 1753

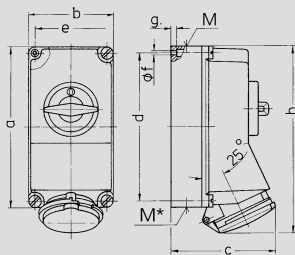
5

MENNEKES CEE receptacles for supply networks 600V up to 690V

to DIN VDE 0623, EN 60309-1, colour: electric grey and/or colour code.

Enclosure and insert made of **AMAPLAST**.

MENNEKES CEE receptacles with DUO interlock can be padlocked.



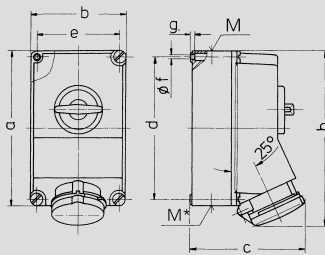
Drawing	Amp.	16			32		
1 MB 174	Poles	3	4	5	3	4	5
Dim. in mm	a	225	225	225	225	225	225
	b	118	118	118	118	118	118
	c	141	141	141	146	146	146
	d	208	208	208	208	208	208
	e	101	101	101	101	101	101
	f	6,3	6,3	6,3	6,3	6,3	6,3
	g	8	8	8	8	8	8
	h	250	252	254	264	264	264
	M	1x25 and 1x32			1x25 and 1x32		
	M*	2x25	2x25	2x25	2x25	2x25	2x25
Max. cable diam. (mm)		25	25	25	25	25	25
Terminal for cond. cross section (mm²) min-max.		1,5 —4	1,5 —4	1,5 —4	2,5 —10	2,5 —10	2,5 —10

Receptacles

switched,
with mechanical **DUO** interlock,
can be padlocked

▲ IP 44

Product group 1075, type 5663 shown.



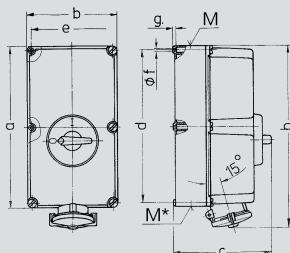
Drawing	Amp.	63		
1 MB 234	Poles	3	4	5
Dim. in mm	a	264	264	264
	b	163	163	163
	c	192	192	192
	d	240	240	240
	e	140	140	140
	f	8,1	8,1	8,1
	g	8	8	8
	h	300	300	300
	M	40	40	40
	M*	2x40	2x40	2x40
Max. cable diam. (mm)		27	27	27
Terminal for cond. cross section (mm²) min-max.		6 —25	6 —25	6 —25

Receptacles

with **SoftCONTACT**
switched,
with mechanical **DUO** interlock,
with highly heat resistant
contact carrier,
can be padlocked

▲ IP 44

Product group 1075, type 6580 shown.



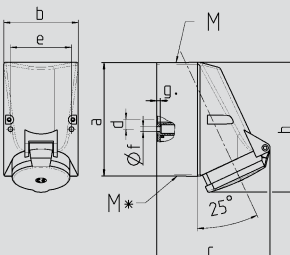
Drawing	Amp.	125		
1 MB 177	Poles	3	4	5
Dim. in mm	a	460	460	460
	b	260	260	260
	c	283	283	283
	d	434	434	434
	e	234	234	234
	f	11	11	11
	g	9	9	9
	h	525	525	525
	M	63	63	63
	M*	2x63	2x63	2x63
Max. cable diam. (mm)		44	44	44
Terminal for cond. cross section (mm²) min-max.		25 —70	25 —70	25 —70

Receptacles

with **TorsionSpringCONTACT**
switched,
with mechanical **DUO** interlock,
with highly heat resistant
contact carrier

▲ IP 67

Product group 1074, type 6015 shown.



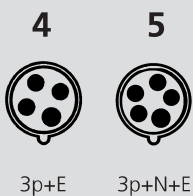
Drawing	Amp.	16		32		
1 MB 43	Poles	4	5	3	4	5
Dim. in mm	a	128	128	128	128	128
	b	84	84	84	84	84
	c	122	124	136	136	138
	d	11	11	11	11	11
	e	68	68	68	68	68
	f	5,3	5,3	5,3	5,3	5,3
	g	4	4	4	4	4
	h	144	145	158	158	160
	M	25	25	32	32	32
	M*	2x M 25 (blind) to be cut out		2x M 25 (blind) to be cut out		
Max. cable diam. (mm)		18	18	18/25	18/25	18/25
Terminal for cond. cross section (mm²) min-max.		1,5 —4	1,5 —4	2,5 —10	2,5 —10	2,5 —10

Receptacles

internal fixing,
with one cable entry at the top
and two blind cable entries
(can be cut out) at the bottom,
enclosure can be rotated
through 180°

▲ IP 44

Product group 1041, type 2576 shown.



600 - 690V

50 a. 60 Hz

4-pole 5-pole

5h 5h

Std. Pack.

Weight

Amp.

Poles

Part numbers

Qty. g/each



16 4

16 5

5781

5771

1 1100

1 1120

32 4

32 5

5663

5787

1 1170

1 1220



63 4

63 5

6580

6262

3 2440

3 2660



125 4

125 5

6015

6077

1 7450

1 8250



16 4

16 5

3790

2766

10 303

10 333

32 4

32 5

2576

2767

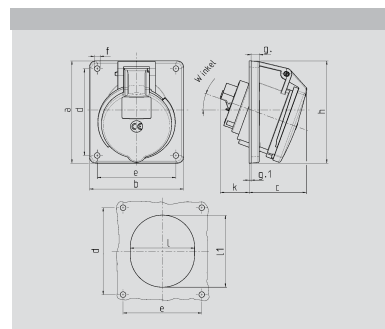
10 370

10 424

5

MENNEKES CEE panel mounted receptacles for supply networks 600V up to 690V

to DIN VDE 0623, EN 60309-1, colour: electric grey and/or colour code.
Enclosure and insert made of **AMAPLAST**.

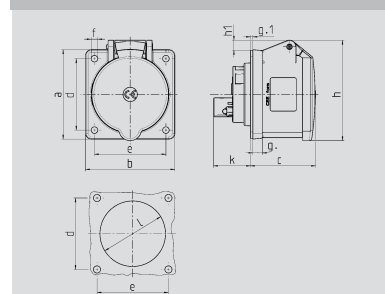


Drawing	Amp.	16			32		
1 MB 260	Poles	3	4	5	3	4	5
Dim. in mm	a	73,5	100	100	100	100	100
	b	64	92	92	92	92	92
	c	52	58	58	62	62	62
	d	60	85	85	85	85	85
	e	52	77	77	77	77	77
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	7	8	8	8	8	8
	g.1	2	2	2	2	2	2
	h	79	100	100	103	103	107
	k	43	32	32	53	53	45
	l	52	55	65	67	67	72
	l1	60	63	72	82	82	85
	α	20°	20°	20°	20°	20°	20°
Terminal for cond. cross section (mm²) min-max.		1,5 — 4	1,5 — 4	1,5 — 4	2,5 — 10	2,5 — 10	2,5 — 10

Panel mounted receptacles 20° inclination

▲ IP 44

Product group 1044, type 3011 shown.

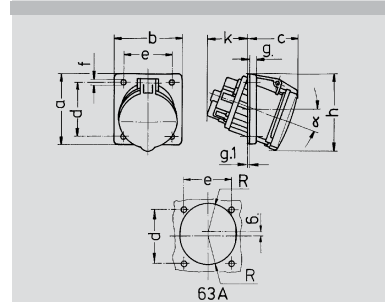


Drawing	Amp.	16			32		
1 MB 247	Poles	3	4	5	3	4	5
Dim. in mm	a	75	75	75	75	75	75
	b	75	75	75	75	75	75
	c	53	53	55	64	64	65
	d	60	60	60	60	60	60
	e	60	60	60	60	60	60
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	8	8	8	8	8	8
	g.1	2	2	2	2	2	2
	h	75	80	85	89	89	95
	h1		6	9	11	11	12
	k	31	32	32	39	39	39
	l	43	52	54	58	58	62
Terminal for cond. cross section (mm²) min-max.		1,5 — 4	1,5 — 4	1,5 — 4	2,5 — 10	2,5 — 10	2,5 — 10

Panel mounted receptacles

▲ IP 44

Product group 1056, type 3066 shown.

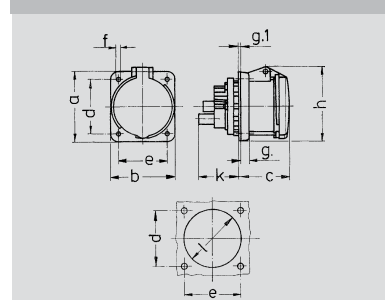


Drawing	Amp.	63		
1 MB 297	Poles	3	4	5
Dim. in mm	a	110	110	110
	b	106	106	106
	c	85	85	85
	d	85	85	85
	e	77	77	77
	f	6,2	6,2	6,2
	g	12	12	12
	g.1	2	2	2
	h	122	122	122
	k	69	69	69
	R	46	46	46
	α	20°	20°	20°
Terminal for cond. cross section (mm²) min-max.		6 — 25	6 — 25	6 — 25

Panel mounted receptacles with **SoftCONTACT** with pilot contact, 20° inclination, with highly heat resistant contact carrier

▲ IP 44

Product group 1044, type 2761P shown.

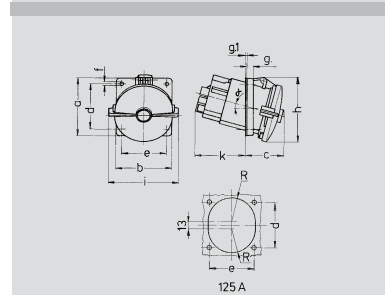


Drawing	Amp.	63		
1 MB 211	Poles	3	4	5
Dim. in mm	a	107	107	107
	b	100	100	100
	c	80	80	80
	d	85	85	85
	e	77	77	77
	f	6	6	6
	g	12	12	12
	g.1	2	2	2
	h	113	113	113
	k	55	55	55
	l	88	88	88
Terminal for cond. cross section (mm²) min-max.		6 — 25	6 — 25	6 — 25

Panel mounted receptacles with **SoftCONTACT** with pilot contact, with highly heat resistant contact carrier

▲ IP 44

Product group 1056, type 3079P shown.

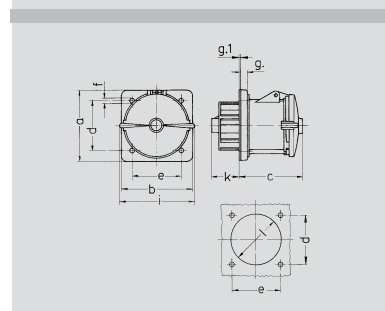


Drawing	Amp.	125	
1 MB 339	Poles	4	5
Dim. in mm	a	114	114
	b	110	110
	c	85	85
	d	90	90
	e	90	90
	f	6,2	6,2
	g	13	13
	g.1	2	2
	h	135	135
	i	135	135
	k	103	103
	R	47	47
	α	15°	15°
Terminal for cond. cross section (mm²) min-max.		25 — 70	25 — 70

Panel mounted receptacles with **TorsionSpringCONTACT** with pilot contact, 15° inclination, with highly heat resistant contact carrier

▲ IP 67

Product group 1048, type 2203P shown.



Drawing	Amp.	125	
1 MB 258	Poles	4	5
Dim. in mm	a	130	130
	b	130	130
	c	124	124
	d	104	104
	e	104	104
	f	6,5	6,5
	g	18	18
	g.1	2	2
	i	135	135
	k	43	43
	l	95	95
Terminal for cond. cross section (mm²) min-max.		25 — 70	25 — 70

Panel mounted receptacles with **TorsionSpringCONTACT** with pilot contact, with highly heat resistant contact carrier

▲ IP 67

Product group 1046, type 3663P shown.

4 5				600 - 690V 50 a. 60 Hz		Std. Pack.	Weight
3p+E 3p+N+E		Amp.	Poles	4-pole 5h	5-pole 5h		
Part numbers						Qty.	g/each
	16	4		3010		10	177
	16	5		2765		10	185
	32	4		3011		10	239
	32	5		2764		10	270
	16	4		3183		10	145
	16	5		3058		10	164
	32	4		3066		10	207
	32	5		3450		10	227
	63	4		3786P		5	623
	63	5		2761P		5	653
	63	4		3079P		5	669
	63	5		3115P		5	686
	125	4		2203P		5	940
	125	5		2546P		5	1050
	125	4		3663P		5	1190
	125	5		3787P		5	1334

MENNEKES CEE receptacles and connectors for supply networks 600V up to 690V

to DIN VDE 0623, EN 60309-2, colour: electric grey and/or colour code.
Enclosure and insert made of **AMAPLAST**.

Drawing	Amp.	16			32		
2 MB 217	Poles	3	4	5	3	4	5
Dim. in mm	a	142	147	147	186	186	180
	b	53	59	67	70	70	77
	h	59	69,4	76	81	81	89,5
	n	105,2	110,5	110,5	141	141	135
	y	14,5	16	16	22	22	22
Terminal for cond. cross section (mm²) min.-max.		1 —2,5	1 —2,5	1 —2,5	2,5 —6	2,5 —6	2,5 —6

Plugs AM-TOP®
single part body,
cable gland and sealing,
strain relief and protection
against kinking

▲ IP 44
Product group 2041, type 2113 shown.

Drawing	Amp.	63		
2 MB 226	Poles	3	4	5
Dim. in mm	a	250	250	250
	b	90	90	90
	y	36	36	36
Terminal for cond. cross section (mm²) min.-max.		6 —16	6 —16	6 —16

Plugs PowerTOP Xtra
with rubberised grip area, with
highly heat resistant contact carrier,
frame terminals and nickel plated
contacts, cable gland and sealing,
strain relief and protection against
kinking, enclosure with thread lock,
two safety slides

▲ IP 44
Product group 2215, type 13136 shown.

Drawing	Amp.	63			125		
2 MB 225	Poles	3	4	5	3	4	5
Dim. in mm	a	250	250	250	290	290	290
	b	114	114	114	130	130	130
	y	36	36	36	49	49	49
Terminal for cond. cross section (mm²) min.-max.		6 —16	6 —16	6 —16	25 —50	25 —50	25 —50

Plugs PowerTOP Xtra
with rubberised grip area, with
highly heat resistant contact carrier,
frame terminals and nickel plated
contacts, cable gland and sealing,
strain relief and protection against
kinking, enclosure with thread lock,
two safety slides

▲ IP 67
Product group 2216, type 13238 shown.

Drawing	Amp.	16			32		
3 MB 63	Poles	3	4	5	3	4	5
Dim. in mm	a	162	165	167	209	209	208
	b	60	68	76	82	82	89
	h	83	92	98	100	100	108
	y	14,5	16	16	22	22	22
Terminal for cond. cross section (mm²) min.-max.		1 —2,5	1 —2,5	1 —2,5	2,5 —6	2,5 —6	2,5 —6

Connectors AM-TOP®
single part body,
cable gland and sealing,
strain relief and protection
against kinking

▲ IP 44
Product group 3041, type 2798 shown.

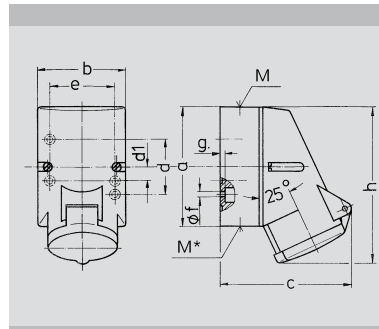
4  3p+E		5  3p+N+E		600 - 690V 50 a. 60 Hz		4-pole 5h 5-pole 5h		Std. Pack.	Weight
Part numbers								Qty.	g/each
	16	4	2113				10	146	
	16	5	2390				10	166	
	32	4	2114				10	220	
	32	5	2115				10	255	
	63		13136	4			5		
	63		13137	5			5		
	125		13238	4			5		
	125		13239	5			5		
	16	4	2798				10	180	
	16	5	2768				10	219	
	32	4	2799				10	256	
	32	5	2769				10	300	

MENNEKES CEE plugs and sockets with special "1h earth" position

Colour: electric grey.

Enclosure and insert made of **AMAPLAST**.

Other designs on request.



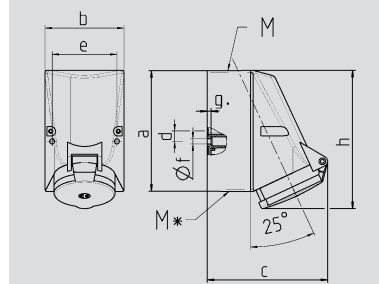
Drawing	Amp.	16		
1 MB 209	Poles	3	4	5
Dim. in mm	a	87	100	100
	b	64	75	75
	c	99	110	113
	d	40	—	—
	d1	—	11	11
	e	50	59	59
	f	4,5	5	5
	g	4	4	4
	h	115	125	128
	M	20	20	20
	M*	M20 (blind) to be cut out		
Max. cable diam. (mm)		15	15	15
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5
		—4	—4	—4

Receptacles

internal fixing, one cable entry at the top and one blind entry (can be cut out) at the bottom, enclosure base can be turned through 180° (for 5-pole design)

▲ IP 44

Product group 1040, type 2684 shown.



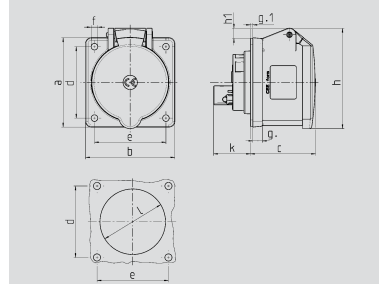
Drawing	Amp.	16			32		
1 MB 43	Poles	4	5		3	4	5
Dim. in mm	a	128	128		128	128	128
	b	84	84		84	84	84
	c	122	124		136	136	138
	d	11	11		11	11	11
	e	68	68		68	68	68
	f	5,3	5,3		5,3	5,3	5,3
	g	4	4		4	4	4
	h	144	145		158	158	160
	M	25	25		32	32	32
	M*	2x25 (blind) to be cut out			2x25 (blind) to be cut out		
Max. cable diam. (mm)		18	18		18/25	18/25	18/25
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5		2,5	2,5	2,5
		—4	—4		—10	—10	—10

Receptacles

internal fixing, one cable entry at the top and one blind entry (can be cut out) at the bottom, enclosure base can be turned through 180°, dimensional drawing (1 MB 213) for 63A can be found in chapter 1, page 26

▲ IP 44

Product group 1041, type 2983 shown.



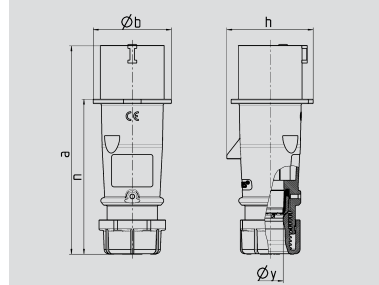
Drawing	Amp.	16			32		
1 MB 247	Poles	3	4	5	3	4	5
Dim. in mm	a	75	75	75	75	75	75
	b	75	75	75	75	75	75
	c	53	53	55	64	64	65
	d	60	60	60	60	60	60
	e	60	60	60	60	60	60
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	8	8	8	8	8	8
	g:1	2	2	2	2	2	2
	h	75	80	83	89	89	100
	h1	6	6	8	11	11	12
	k	31	32	32	39	39	39
	l	43	52	54	58	58	62
Terminal for cond. cross section (mm²) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		—4	—4	—4	—10	—10	—10

Panel mounted receptacles

straight

▲ IP 44

Product group 1056, type 2917 shown.



Drawing	Amp.	16			32		
2 MB 217	Poles	3	4	5	3	4	5
Dim. in mm	a	142	147	147	186	186	180
	b	53	59	67	70	70	77
	h	59	69,4	76	81	81	89,5
	n	105,2	110,5	110,5	141	141	135
	y	14,5	16	16	22	22	22
Terminal for cond. cross section (mm²) min.-max.		1	1	1	2,5	2,5	2,5
		—2,5	—2,5	—2,5	—6	—6	—6

Plugs AM-TOP®

single part body, cable gland and sealing, strain relief and protection against kinking

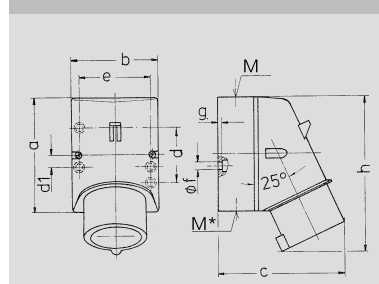
▲ IP 44

63A: PowerTOP Xtra

dimensional drawing (2 MB 225) for 63A can be found in chapter 2, page 68

▲ IP 67

Product group 2141/2216, type 2685 shown.



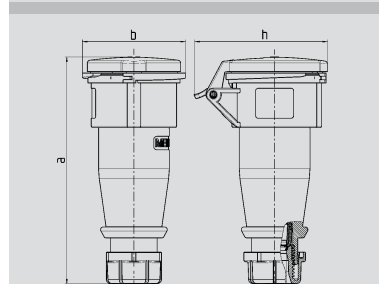
Drawing	Amp.	16			32		
2 MB 32	Poles	3	4	5	3	4	5
Dim. in mm	a	87	100	100	128	128	128
	b	64	75	75	84	84	84
	c	93	106	110	133	133	135
	d	40	—	—	—	—	—
	d1	—	10,5	10,5	11	11	11
	e	50,5	59	59	68	68	68
	f	4,5	5	5	5,3	5,3	5,3
	g	4	4	4	4	4	4
	h	122	133	135	169	169	170
	M	20	20	20	25	25	25
	M*	1x20 (blind) to be cut out			2x25 (blind) to be cut out		
Max. cable diam. (mm)		15	18	18	18/25	18/25	18/25
Terminal for cond. cross section (mm²) min.-max.		1	1	1	2,5	2,5	2,5
		—2,5	—2,5	—2,5	—6	—6	—6

Wall mounted inlets

cable entry facility also from the rear by use of knock outs

▲ IP 44

Product group 2045, type 3230 shown.



Drawing	Amp.	16			32		
3 MB 63	Poles	3	4	5	3	4	5
Dim. in mm	a	162	165	167	209	209	208
	b	60	68	76	82	82	89
	h	83	92	98	100	100	108
	y	14,5	16	16	22	22	22
Terminal for cond. cross section (mm²) min.-max.		1	1	1	2,5	2,5	2,5
		—2,5	—2,5	—2,5	—6	—6	—6

Connectors AM-TOP®

single part body, cable gland and sealing, strain relief and protection against kinking

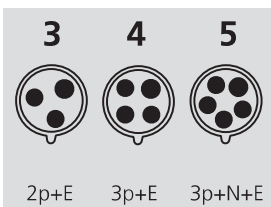
▲ IP 44

63A: PowerTOP Xtra

dimensional drawing (3 MB 68) for 63A can be found in chapter 3, page 88

▲ IP 67

Product group 3141/3216, type 3007 shown.



3-pole 4-pole 5-pole
1h 1h 1h

Std. Pack.

Weight

Part numbers

Qty. g/each



16	3	2684	10	180
16	5	2675	10	273



16	5	2840	10	333
32	4	2983	10	370
32	5	2676	10	424
63	5	3719	5	925



16	3	2973	10	136
16	5	2917	10	178
32	5	2997	10	225



16	3	2685	10	113
16	5	2677	10	166
32	4	2801	10	222
32	5	2678	10	252
63	5	13248	5	



16	3	3230	10	150
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16	3	3007	10	143
16	5	2918	10	222
32	5	3229	10	300
63	5	14248	5	