



■ CEE plugs and sockets for low voltages, downstream of an isolating transformer, for DC



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Receptacles for low voltages, 16A and 32A, IP 44

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Receptacles downstream of an isolating transformer, 16A and 32A, IP 44 and IP 67

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Wall mounted and panel mounted receptacles for DC, 16A up to 63A, IP 44 and IP 67

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Plugs and connectors for DC, 16A up to 63A, IP 44 and IP 67

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■ Plugs and sockets for low voltages, downstream of an isolating transformer, for DC

Plugs and sockets for low voltages.



When portable electric appliances are used in environments where conductive materials are present and where movement is restricted, they must be operated at low voltage or they must be electrically isolated, e.g. in or on boilers, containers, pipework systems, steel scaffolding or similar installations. The same applies to rooms containing exposed conductive materials. Portable lamps must be operated at low voltage.

Stationary appliances may be operated at a safe low voltage or they may be electrically isolated, e.g. lamps installed temporarily for maintenance purposes, cleaning or other types of work, which are connected to the power supply by means of movable cables.

Only use tools of protection class II or III.

Also, lamps for barrels and movable lamps for ovens must be operated at low voltage.

Furthermore, low voltage $\leq 25V$ AC should be used for all mobile appliances without insulation which are used on animals, e.g. vacuum cleaners, shears, milking machines, etc.

Requirements on plugs and sockets for low voltages.

Plugs and sockets must be different from those used at other voltages and must not be provided with an earth contact (VDE 0100 part 410:1997-01).

The benefits at a glance.

Comfortable access to generously dimensioned terminals. Cable grip may be adjusted to suit a max. cable diameter of 24.7 mm.



Plugs and sockets downstream of isolating transformers.



Electrical isolation (VDE 0100 part 410) is used to operate isolated electric tools in areas where conductive materials are present and where movement is restricted, e.g. in or on boilers, containers, pipework systems, steel scaffolding or similar installations. The same applies to rooms containing exposed conductive materials.

Further information:

VDE regulations
VDE 0100 part 410
VDE 0100 part 704
VDE 0100 part 705
VDE 0100 part 706
VDE 0100 part 15
Information provided by the
Employers' Liability Insurance
Association
BGI 594
BGI 608



12

Plugs and sockets for DC.

Plugs and sockets for DC are used for example for maintenance of rail vehicles and in electroplating shops, laboratories and test stations. We offer a large range of plugs and sockets up to 63A.



DUO mechanical.

After insertion and switching on, the plug is locked in the ON position. After switching off and withdrawing the plug, the switch is locked in the OFF position.

DODSCH mechanical.

(Plug in and twist switch).
Insert the plug and turn clockwise (= switch ON).
Turn counter-clockwise (= switch OFF) and withdraw the plug.

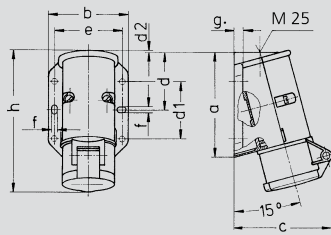


MENNEKES CEE receptacles and panel mounted receptacles for low voltages

to DIN VDE 0623, EN 60309-2, colour: electric grey and/or colour code.

Enclosure and insert made of **AMAPLAST**.

Other voltages and frequencies are available on request.



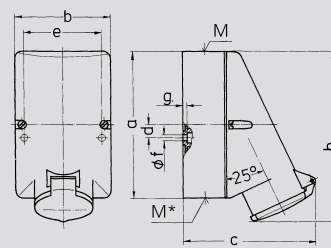
Drawing	Amp.	16		32	
1 MB 294	Poles	2	3	2	3
Dim. in mm	a	96	96	96	96
	b	73	73	73	73
	c	90	90	90	90
	d	53	53	53	53
	d1	52	52	52	52
	d2	2	2	2	2
	e	62	62	62	62
	f	5,3	5,3	5,3	5,3
	g	8	8	8	8
	h	129	129	129	129
Terminal for cond. cross section (mm²) min.-max.		4 4	4 4	4 4	4 4
		—10 —10	—10 —10	—10 —10	—10 —10

Receptacles

external fixing,
one cable entry at top and
one blind cable entry
(can be cut out) at the rear side

▲ IP 44

Product group 1037, type 1845 shown.



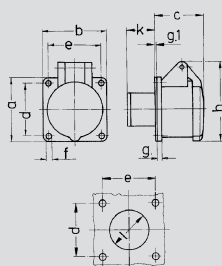
Drawing	Amp.	16		32	
1 MB 137	Poles	2	3	2	3
Dim. in mm	a	128	128	128	128
	b	84	84	84	84
	c	120	120	120	120
	d	11	11	11	11
	e	68	68	68	68
	f	5,3	5,3	5,3	5,3
	g	4	4	4	4
	h	146	146	146	146
	M	25	25	32	32
	M*	2x25	2x25	2x25	2x25
		(blind) to be cut out	(blind) to be cut out	(blind) to be cut out	(blind) to be cut out
Max. cable diam. (mm)		18	18	25	25
Terminal for cond. cross section (mm²) min.-max.		4 4	4 4	4 4	4 4
		—2x6 —10	—2x6 —10	—2x6 —10	—2x6 —10

Receptacles

internal fixing, one cable entry at
top and two blind cable entries
(can be cut out) at bottom,
lower part of enclosure base can
be turned 180°

▲ IP 44

Product group 1041, type 578 shown.

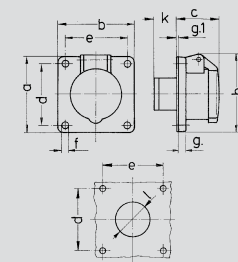


Drawing	Amp.	16		32	
1 MB 136	Poles	2	3	2	3
Dim. in mm	a	55	55	55	55
	b	55	55	55	55
	c	44	44	44	44
	d	45	45	45	45
	e	45	45	45	45
	f	4,2	4,2	4,2	4,2
	g	8	8	8	8
	g.1	2	2	2	2
	h	67	67	67	67
	k	22	22	22	22
	l	34	34	34	34
Terminal for cond. cross section (mm²) min.-max.		4 4	4 4	4 4	4 4
		—10 —10	—10 —10	—10 —10	—10 —10

Panel mounted receptacles

▲ IP 44

Product group 1047, type 603 shown.



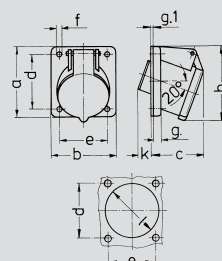
Drawing	Amp.	16		32	
1 MB 292	Poles	2	3	2	3
Dim. in mm	a	75	75	75	75
	b	75	75	75	75
	c	44	44	44	44
	d	60	60	60	60
	e	60	60	60	60
	f	5,5	5,5	5,5	5,5
	g	8	8	8	8
	g.1	2	2	2	2
	h	77	77	77	77
	k	22	22	22	22
	l	34	34	34	34
Terminal for cond. cross section (mm²) min.-max.		4 4	4 4	4 4	4 4
		—10 —10	—10 —10	—10 —10	—10 —10

Panel mounted receptacles

also suitable for cable ducts and
flush mounted installation boxes

▲ IP 44

Product group 1056, type 1657 shown.

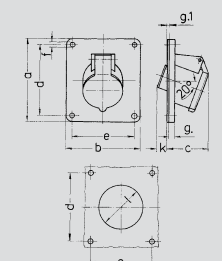


Drawing	Amp.	16		32	
1 MB 231	Poles	2	3	2	3
Dim. in mm	a	68	68	68	68
	b	62	62	62	62
	c	42	42	42	42
	d	53	53	53	53
	e	47	47	47	47
	f	4,5	4,5	4,5	4,5
	g	8	8	8	8
	g.1	2	2	2	2
	h	72	72	72	72
	k	32	32	32	32
	l	55	55	55	55
Terminal for cond. cross section (mm²) min.-max.		4 4	4 4	4 4	4 4
		—10 —10	—10 —10	—10 —10	—10 —10

Panel mounted receptacles

▲ IP 44

Product group 1045, type 2855 shown.



Drawing	Amp.	32
1 MB 236	Poles	3
Dim. in mm	a	100
	b	92
	c	42
	d	85
	e	77
	f	5,1
	g	8
	g.1	2
	k	31
	l	60
Terminal for cond. cross section (mm²) min.-max.		4 4
		—10 —10

Panel mounted receptacle

▲ IP 44

Product group 1044, type 2837 shown.

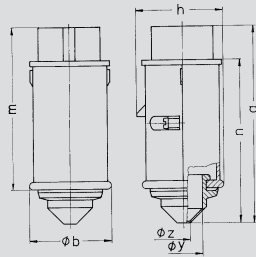
2  3 		20–25V 50 a. 60 Hz 40–50V 50 a. 60 Hz 20–25V 40–50V 100–200 Hz 20–25V 40–50V 300 Hz 20–25V 40–50V 400 Hz 20–25V 40–50V 400–500 Hz 20–25V 40–50V — — —								Amp.	Poles	Part numbers						Std. Pack.	Weight
Qty. g/each																			
	16	2	1825	1831						1829	10	184							
	16	3	1832	1837	1835						10	204							
	32	2	1838	1844						1842	10	184							
	32	3	1845	1850	1848						10	204							
	16	2	577	578						583	10	285							
	16	3	584	585	586						10	303							
	32	2	590	591						596	10	285							
	32	3	597	598	599						10	303							
	16	2	603	604						609	10	108							
	16	3	610	611	612						10	130							
	32	2	616	617						622	10	108							
	32	3	623	624	625						10	130							
	16	2	1602	1603						2617	10	116							
	16	3	1657	1661	1823						10	138							
	32	2	1693	3290						2488	10	116							
	32	3	1594	1595	1579						10	138							
	16	2	1270	2855						2841	10	125							
	16	3	2845	1272	2860						10	143							
	32	2	1271	2864						2869	10	125							
	32	3	2870	1273	2852						10	143							
	32	3			2837						10	178							

MENNEKES CEE plugs, connectors and inlets for low voltages

to DIN VDE 0623, EN 60309-2, colour: electric grey and/or colour code.

Enclosure and insert made of **AMAPLAST**.

Other voltages and frequencies are available on request.

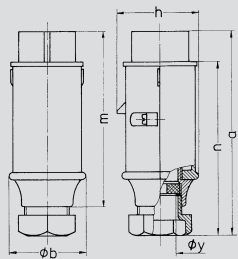


Drawing	Amp.	16		32	
		Poles		Poles	
2 MB 159		2	3	2	3
Dim. in mm	a	130	130	130	130
	b	55	55	55	55
	h	58	58	58	58
	m	108	108	108	108
	n	107	107	107	107
	y	25	25	25	25
	z	9	9	9	9
Terminal for cond. cross section (mm²) min.-max.		4	4	4	4
		—10	—10	—10	—10

Plugs with grommet

▲ IP 44

Product group 2074, type 637 shown.

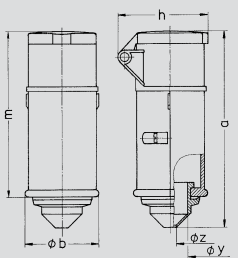


Drawing	Amp.	16		32	
		Poles		Poles	
2 MB 158		2	3	2	3
Dim. in mm	a	150	150	150	150
	b	55	55	55	55
	h	58	58	58	58
	m	128	128	128	128
	n	130	130	130	130
	y	24,7	24,7	24,7	24,7
	z	9	9	9	9
Terminal for cond. cross section (mm²) min.-max.		4	4	4	4
		—10	—10	—10	—10

Plugs with cable gland

▲ IP 44

Product group 2075, type 677 shown.

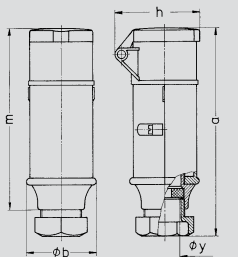


Drawing	Amp.	16		32	
		Poles		Poles	
3 MB 37		2	3	2	3
Dim. in mm	a	144	144	144	144
	b	55	55	55	55
	h	67	67	67	67
	m	122	122	122	122
	y	25	25	25	25
	z	9	9	9	9
	z	9	9	9	9
Terminal for cond. cross section (mm²) min.-max.		4	4	4	4
		—10	—10	—10	—10

Connectors with grommet

▲ IP 44

Product group 3074, type 681 shown.

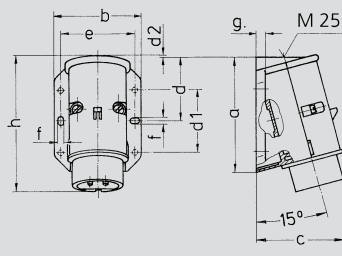


Drawing	Amp.	16		32	
		Poles		Poles	
3 MB 36		2	3	2	3
Dim. in mm	a	164	164	164	164
	b	55	55	55	55
	h	67	67	67	67
	m	142	142	142	142
	y	24,7	24,7	24,7	24,7
	z	9	9	9	9
	z	9	9	9	9
Terminal for cond. cross section (mm²) min.-max.		4	4	4	4
		—10	—10	—10	—10

Connectors with cable gland

▲ IP 44

Product group 3075, type 729 shown.



Drawing	Amp.	16		32	
		Poles		Poles	
2 MB 160		2	3	2	3
Dim. in mm	a	96	96	96	96
	b	73	73	73	73
	c	74	74	74	74
	d	53	53	53	53
	d1	52	52	52	52
	d2	2	2	2	2
	e	62	62	62	62
	f	5,3	5,3	5,3	5,3
	g	8	8	8	8
	h	116	116	116	116
	z	9	9	9	9
	z	9	9	9	9
	z	9	9	9	9
Terminal for cond. cross section (mm²) min.-max.		4	4	4	4
		—10	—10	—10	—10

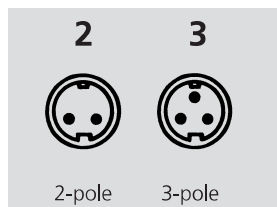
Wall mounted inlets

external fixing, one cable entry at top and one blind cable entry (can be cut out) at the rear side

▲ IP 44

Product group 2045, type 1962 shown.

Plugs and sockets for low voltages 63A, 2-pole and 3-pole available on request.



20-25V
50 a. 60 Hz

40-50V
50 a. 60 Hz

20-25V
40-50V
100-200 Hz

20-25V
40-50V
300 Hz

20-25V
40-50V
400 Hz

20-25V
40-50V
400-500 Hz

20-25V
40-50V

Amp.

Poles

Part numbers

—

12h

4h

2h

3h

11h

10h

Std. Pack.

Weight

Qty.

g/each



16	2	629	630						635	10	141
16	3	636	637	638						10	155
32	2	642	643						648	10	141
32	3	649	650	651						10	155



16	2	655	656						661	10	163
16	3	662	663	664						10	177
32	2	668	669						674	10	163
32	3	675	676	677						10	177



16	2	681	682						687	10	186
16	3	688	689	690						10	205
32	2	694	695						700	10	186
32	3	701	702	703						10	205



16	2	707	708						713	10	208
16	3	714	715	716						10	227
32	2	720	721						726	10	208
32	3	727	728	729						10	227



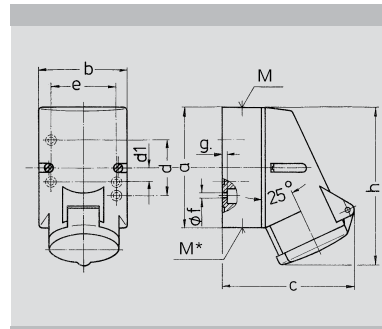
16	2	1955	1961						1959	10	137
16	3	1962	1967	1965						10	151
32	2	1968	1974						1972	10	137
32	3	1975	1980	1978						10	151

MENNEKES CEE receptacles and panel mounted receptacles downstream of isolating transformer

Earthing contact in the 12 o'clock position in accordance with DIN VDE 0623, EN 60309-2.

Colour: electric grey. Enclosure and insert made of **AMAPLAST**.

Other versions available on request.



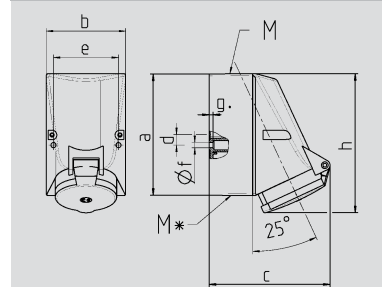
Drawing	Amp.	16		
1 MB 209	Poles	3	4	5
Dim. in mm	a	87	100	100
	b	64	75	75
	c	99	110	113
	d	40	—	—
	d1	—	11	11
	e	50	59	59
	f	4,5	5	5
	g	4	4	4
	h	115	125	128
	M	20	20	20
	M*	M20 (blind) to be cut out		
Max. cable diam. (mm)		15	15	15
Terminal for cond. cross section (mm²) min.-max.		1,5 1,5 1,5	1,5 1,5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

Receptacles

internal fixing, one cable entry at top and two blind cable entries (can be cut out) at bottom; in the 4-pole version, the lower part of the enclosure base can be turned 180°

▲ IP 44

Product group 1040, type 767 shown.



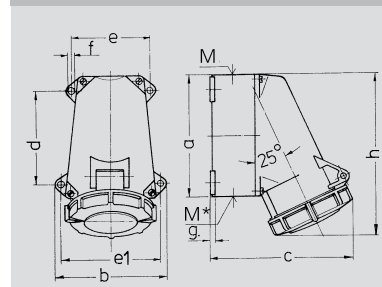
Drawing	Amp.	16			32		
1 MB 43	Poles	4	5		3	4	5
Dim. in mm	a	128	128		128	128	128
	b	84	84		84	84	84
	c	122	124		136	136	138
	d	11	11		11	11	11
	e	68	68		68	68	68
	f	5,3	5,3		5,3	5,3	5,3
	g	4	4		4	4	4
	h	144	145		158	158	160
	M	25	25		32	32	32
	M*	2x25 (blind) to be cut out			2x25 (blind) to be cut out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

Receptacles

internal fixing, one cable entry at top and two blind cable entries (can be cut out) at bottom, in the 4-pole version, the lower part of the enclosure base can be turned 180°

▲ IP 44

Product group 1041, type 3147 shown.



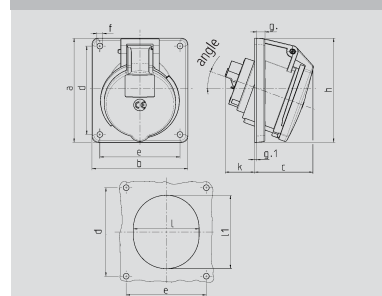
Drawing	Amp.	16			32		
1 MB 219	Poles	3	4	5	3	4	5
Dim. in mm	a	95	95	95	120	120	120
	b	102	102	102	112	112	112
	c	115	124	129	143	143	150
	d	64,2	64,2	64,2	90,2	90,2	90,2
	e	77,5	77,5	77,5	79	79	79
	e1	88	88	88	98,5	98,5	98,5
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	5	5	5	5	5	5
	h	128	128	132	160	160	160
	M	20	25	25	32	32	32
	M*	20	25	25	M32 (blind) to be cut out		
Max. cable diam. (mm)		15	18	18	25	25	25
Terminal for cond. cross section (mm²) min.-max.		1,5 1,5 1,5	1,5 1,5 1,5	1,5 1,5 1,5	2,5 2,5 2,5	2,5 2,5 2,5	2,5 2,5 2,5

Receptacles

with four external fixings, one cable entry at top and one blind cable entry (can be cut out) at bottom

▲ IP 67

Product group 1049, type 3224 shown.

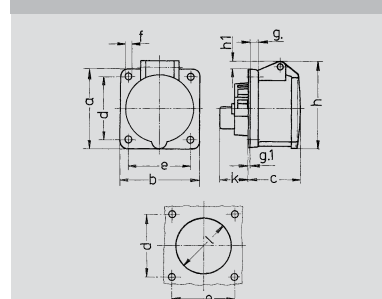


Drawing	Amp.	16			32		
1 MB 260	Poles	3	4	5	3	4	5
Dim. in mm	a	73,5	100	100	100	100	100
	b	64	92	92	92	92	92
	c	50	59	58	62	62	61
	d	60	85	85	85	85	85
	e	52	77	77	77	77	77
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	7	8	8	8	8	8
	g.1	2	2	2	2	2	2
	h	79	100	100	103	103	106
	I	44	34	34	54	54	49
	I1	52	55	65	67	67	72
	k	60	63	72	82	82	85
	L	20°	20°	20°	20°	20°	20°
Terminal for cond. cross section (mm²) min.-max.		1,5 1,5 1,5	1,5 1,5 1,5	1,5 1,5 1,5	2,5 2,5 2,5	2,5 2,5 2,5	2,5 2,5 2,5

Panel mounted receptacles

▲ IP 44

Product group 1044, type 3219 shown.

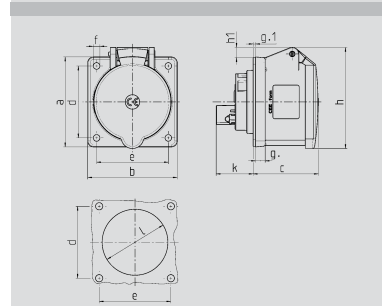


Drawing	Amp.	16		
1 MB 259	Poles	3	4	5
Dim. in mm	a	62	72	72
	b	62	65	65
	c	54	54	54
	d	47	52	52
	e	47	52	52
	f	5,5	5,5	5,5
	g	8	8	8
	g.1	2	2	2
	h	68	77	85
	h1	7	7	11
	k	28	28	28
	L	50	52	57
Terminal for cond. cross section (mm²) min.-max.		1,5 1,5 1,5	1,5 1,5 1,5	1,5 1,5 1,5

Panel mounted receptacles

▲ IP 44

Product group 1055, type 3222 shown.

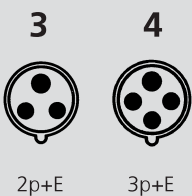


Drawing	Amp.	16			32		
1 MB 247	Poles	3	4	5	3	4	5
Dim. in mm	a	75	75	75	75	75	75
	b	75	75	75	75	75	75
	c	53	53	55	64	64	65
	d	60	60	60	60	60	60
	e	60	60	60	60	60	60
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	8	8	8	8	8	8
	g.1	2	2	2	2	2	2
	h	75	80	83	89	89	100
	h1	6	8	11	11	11	12
	k	31	32	32	39	39	39
	L	43	52	54	58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

Panel mounted receptacles

▲ IP 44

Product group 1056, type 3067 shown.



Downstream
of isolating
transformer

Amp.
Poles

3-pole 4-pole
12h 12h

Std. Pack.

Weight

Part numbers

Qty. g/each



16 3 767
16 4 768

10 180
10 240



32 3 3141
32 4 3147

10 355
10 370



16 3 2904
16 4 3223

10 240
10 270



16 3 3217
16 4 3218

10 132
10 186



16 3 3221
16 4 3222

10 127
10 148



16 3 3053
16 4 3052

10 136
10 152



32 3 3088
32 4 3067

10 203
10 217

MENNEKES CEE plugs and sockets downstream of isolating transformer

Earthing contact in the 12 o'clock position in accordance with DIN VDE 0623, EN 60309-2.

Colour: electric grey. Enclosure and insert made of **AMAPLAST**.

Other versions available on request.

Drawing	Amp.	16			32		
1 MB 141	Poles	3	4	5	3	4	5
Dim. in mm	a	75	75	75	85	85	85
	b	75	75	75	75	75	75
	c	60	61	61	70	70	72
	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	83	88	95	99	99	105
	i	78	85	96	103	103	110
	k	31	32	32	39	39	39
	l	43	52	54	58	58	65
Terminal for cond. cross section (mm ²) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		—4	—4	—4	—10	—10	—10

Panel mounted receptacles

☼ IP 67

Product group 1046, type 809 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 (mm ²) 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,
screw terminals,
cable gland and sealing,
strain relief and protection
against kinking

⚠ IP 44

Product group 2141, type 862 shown.

Drawing	Amp.	16			32		
2 MB 218	Poles	3	4	5	3	4	5
Dim. in mm	a	142	144	147	186	186	180
	b	70	78	87	94	94	101
	n	109	111	114	145	145	138
	y	14,5	16	16	22	22	22
Terminal for cond. cross section (mm ²) 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,
screw terminals,
cable gland and sealing,
strain relief and protection
against kinking

☼ IP 67

Product group 2149, type 886 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 (mm ²) 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,
screw terminals,
cable gland and sealing,
strain relief and protection
against kinking

⚠ IP 44

Product group 3141, type 1003 shown.

Drawing	Amp.	16			32		
3 MB 62	Poles	3	4	5	3	4	5
Dim. in mm	a	146	166	172	212	212	213
	b	72	79	89	96	96	102
	h	80	88	95	98	98	105
	y	14,5	16	16	22	22	22
Terminal for cond. cross section (mm ²) 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,
screw terminals,
cable gland and sealing,
strain relief and protection
against kinking

☼ IP 67

Product group 3149, type 1029 shown.

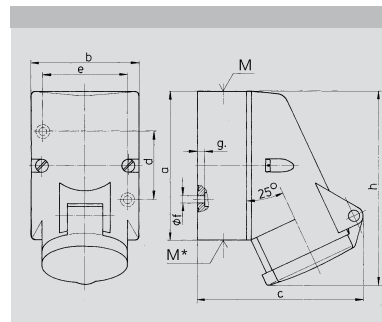
34  2p+E3p+E		Downstream of isolating transformer							
Amp.	Poles	3-pole 12h	4-pole 12h					Std. Pack.	Weight
Part numbers				Qty.	g/each				
	16	3	806	10	150				
	16	4	807	10	170				
	32	3	808	10	236				
	32	4	809	10	245				
	16	3	860	10	113				
	16	4	861	10	146				
	32	3	862	10	208				
	32	4	863	10	222				
	16	3	886	10	133				
	16	4	887	10	165				
	32	3	888	10	230				
	32	4	889	10	245				
	16	3	1003	10	143				
	16	4	1004	10	180				
	32	3	1005	10	247				
	32	4	1006	10	256				
	16	3	1029	10	165				
	16	4	1030	10	200				
	32	3	1031	10	270				
	32	4	1032	10	280				

MENNEKES CEE wall and panel mounted receptacles for direct current

in accordance with DIN VDE 0623, EN 60309-2. Colour: electric grey.

Enclosure and insert made of **AMAPLAST**.

Other versions available on request.



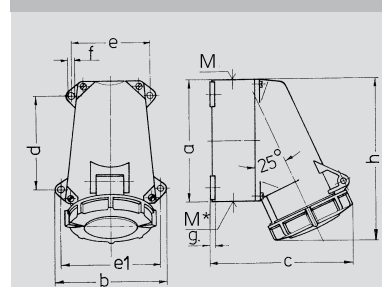
Drawing	Amp.	16
1 MB 369	Poles	3
Dim. in mm	a	87
	b	64
	c	99
	d	40
	e	50
	f	4,5
	g	4
	h	115
	M	20
	M*	20 (blind) to be cut out
Max. cable diam. (mm)		15
Terminal for cond. cross section (mm²) min.-max.		1,5 —4

Receptacle

internal fixing,
one cable entry at top and one blind
cable entry (can be cut out) at bottom

▲ IP 44

Product group 1040, type 2152 shown.



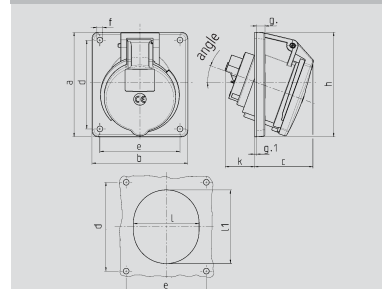
Drawing	Amp.	16	32
1 MB 219	Poles	3 4 5	3 4 5
Dim. in mm	a	95 95 95	120 120 120
	b	102 102 102	112 112 112
	c	115 124 129	143 143 150
	d	64,2 64,2 64,2	90,2 90,2 90,2
	e	77,5 77,5 77,5	79 79 79
	e1	88 88 88	98,5 98,5 98,5
	f	5,5 5,5 5,5	5,5 5,5 5,5
	g	5 5 5	5 5 5
	h	128 128 132	160 160 160
	M	20 25 25	32 32 32
	M*	20 25 25	M32 (blind) to be cut out
Max. cable diam. (mm)		15 18 18	25 25 25
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

Receptacle

with 4 external fixings,
one cable entry at top and one blind
cable entry (can be cut out) at bottom

▲ IP 67

Product group 1049, type 2812 shown.



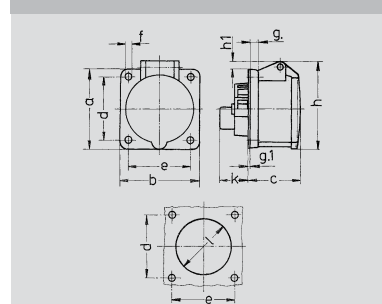
Drawing	Amp.	16	32
1 MB 260	Poles	3 4 5	3 4 5
Dim. in mm	a	73,5 100 100	100 100 100
	b	64 92 92	92 92 92
	c	50 59 58	62 62 61
	d	60 85 85	85 85 85
	e	52 77 77	77 77 77
	f	5,5 5,5 5,5	5,5 5,5 5,5
	g	7 8 8	8 8 8
	g.1	2 2 2	2 2 2
	h	79 100 100	103 103 106
	k	44 34 34	54 54 49
	l	52 55 65	67 67 72
	l1	60 63 72	82 82 85
	α	20° 20° 20°	20° 20° 20°
Terminal for cond. cross section (mm²) min.-max.		1,5 1,5 1,5	2,5 2,5 2,5
		—4 —4 —4	—10 —10 —10

Panel mounted receptacle

20° inclination

▲ IP 44

Product group 1044, type 3214 shown.



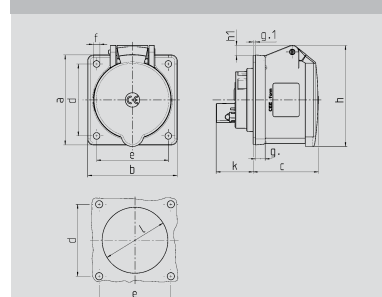
Drawing	Amp.	16
1 MB 259	Poles	3 4 5
Dim. in mm	a	62 72 72
	b	62 65 65
	c	54 54 54
	d	47 52 52
	e	47 52 52
	f	5,5 5,5 5,5
	g	8 8 8
	g.1	2 2 2
	h	68 77 85
	h1	7 7 11
	k	28 28 28
	l	50 52 57
Terminal for cond. cross section (mm²) min.-max.		1,5 1,5 1,5
		—4 —4 —4

Panel mounted receptacle

straight

▲ IP 44

Product group 1055, type 3215 shown.



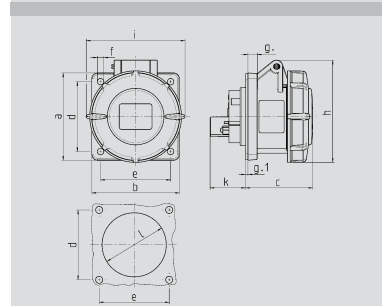
Drawing	Amp.	16	32
1 MB 247	Poles	3 4 5	3 4 5
Dim. in mm	a	75 75 75	75 75 75
	b	75 75 75	75 75 75
	c	53 53 55	64 64 65
	d	60 60 60	60 60 60
	e	60 60 60	60 60 60
	f	5,5 5,5 5,5	5,5 5,5 5,5
	g	8 8 8	8 8 8
	g.1	2 2 2	2 2 2
	h	75 80 83	89 89 100
	h1	6 8	11 11 12
	k	31 32 32	39 39 39
	l	43 52 54	58 58 62
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 receptacle

straight

▲ IP 44

Product group 1056, type 3216 shown.



Drawing	Amp.	16	32
1 MB 141	Poles	3 4 5	3 4 5
Dim. in mm	a	75 75 75	85 85 85
	b	75 75 75	75 75 75
	c	60 61 61	70 70 72
	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	83 88 95	99 99 105
	i	78 85 96	103 103 110
	k	31 32 32	39 39 39
	l	43 52 54	58 58 65
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 receptacle

straight

▲ IP 67

Product group 1046, type 2289 shown.

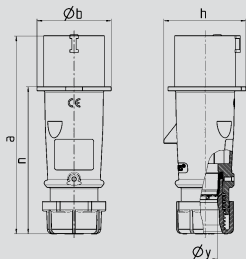
3  2p+E		>50-250V 3h				Std. Pack.	Weight
		Amp.	Poles	Part numbers	Qty.	g/each	
	16	3	2152		10	180	
	16	3	2812		10	240	
	16	3	3214		10	132	
	16	3	3215		10	127	
	16	3	3216		10	136	
	16	3	2289		10	150	

MENNEKES CEE plugs and connectors for direct current

in accordance with DIN VDE 0623, EN 60309-2. Colour: electric grey.

Enclosure and insert made of **AMAPLAST**.

Other versions available on request.



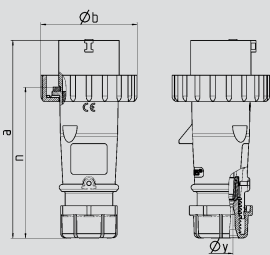
Drawing	Amp.	16			32		
		Poles			Poles		
2 MB 217		3	4	5	3	4	5
Dim. in mm	a	142	147	147	186	186	180
	b	53	59	67	70	70	77
	h	59	69,4	76	81	81	89,5
	n	105,2	110,5	110,5	141	141	135
	y	14,5	16	16	22	22	22
Terminal for cond. cross section (mm²) min.-max.		1	1	1	2,5	2,5	2,5
		—2,5	—2,5	—2,5	—6	—6	—6

Plugs AM-TOP®

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

▲ IP 44

Product group 2141, type 2184 shown.



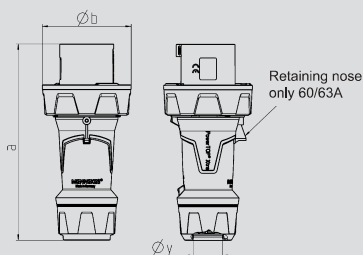
Drawing	Amp.	16			32		
		Poles			Poles		
2 MB 218		3	4	5	3	4	5
Dim. in mm	a	142	144	147	186	186	180
	b	70	78	87	94	94	101
	n	109	111	114	145	145	138
	y	14,5	16	16	22	22	22
Terminal for cond. cross section (mm²) min.-max.		1	1	1	2,5	2,5	2,5
		—2,5	—2,5	—2,5	—6	—6	—6

Plugs AM-TOP®

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

▲▲ IP 67

Product group 2149, type 2422 shown.



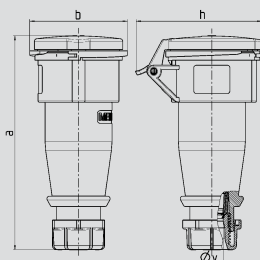
Drawing	Amp.	63			125		
		Poles			Poles		
2 MB 225		3	4	5	3	4	5
Dim. in mm	a	250	250	250	290	290	290
	b	114	114	114	130	130	130
	y	36	36	36	49	49	49
Terminal for cond. cross section (mm²) min.-max.		6	6	6	25	25	25
		—16	—16	—16	—50	—50	—50

Plugs PowerTOP Xtra

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

▲▲ IP 67

Product group 2216, type 13240 shown.



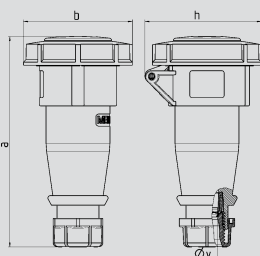
Drawing	Amp.	16			32		
		Poles			Poles		
3 MB 63		3	4	5	3	4	5
Dim. in mm	a	162	165	167	209	209	208
	b	60	68	76	82	82	89
	h	83	92	98	100	100	108
	y	14,5	16	16	22	22	22
Terminal for cond. cross section (mm²) min.-max.		1	1	1	2,5	2,5	2,5
		—2,5	—2,5	—2,5	—6	—6	—6

Connector AM-TOP®

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

▲ IP 44

Product group 3141, type 2185 shown.



Drawing	Amp.	16			32		
		Poles			Poles		
3 MB 62		3	4	5	3	4	5
Dim. in mm	a	146	166	172	212	212	213
	b	72	79	89	96	96	102
	h	80	88	95	98	98	105
	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

Connector AM-TOP®

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

▲▲ IP 67

Product group 3149, type 2605 shown.

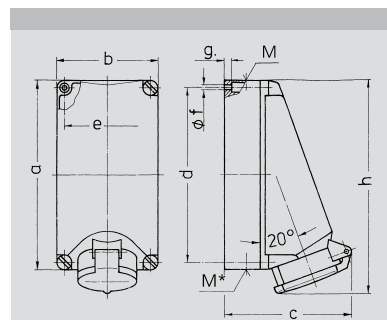
3  2p+E		>50-250V >250V 3h 8h		Std. Pack. Weight	
		Part numbers		Qty.	g/each
	16	3	2184 2331	10	113
	32	3	2211 2221	10	208
	16	3	2422 2930	10	133
	32	3	2117 2118	10	230
	63	3	13240 13241	5	
	16	3	2185	10	143
	16	3	2605	10	165

MENNEKES CEE receptacles, switched and interlocked, for direct current

in accordance with DIN VDE 0623, EN 60309-2. Colour: electric grey.

Enclosure and insert made of **AMAPLAST**.

Other versions available on request.



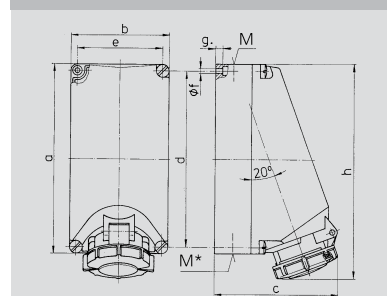
Drawing	Amp.	16			32		
1 MB 142	Poles	3	4	5	3	4	5
Dim. in mm	a	225	225	225	225	225	225
	b	118	118	118	118	118	118
	c	139	148	150	150	150	152
	d	208	208	208	208	208	208
	e	101	101	101	101	101	101
	f	6,3	6,3	6,3	6,3	6,3	6,3
	g	8	8	8	8	8	8
	h	247	252	252	253	253	253
	M	1x25 and 1x32			1x25 and 1x32		
	M*	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	2,5	2,5	2,5	2,5	2,5
		—4	—4	—4	—10	—10	—10

Receptacles

switched, with mechanical
DODSCH interlock

▲ IP 44

Product group 1077, type 5467 shown.



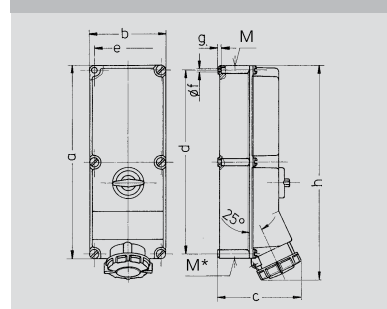
Drawing	Amp.	16			32		
1 MB 206	Poles	3	4	5	3	4	5
Dim. in mm	a	225	225	225	225	225	225
	b	118	118	118	118	118	118
	c	144	150	152	155	155	159
	d	208	208	208	208	208	208
	e	101	101	101	101	101	101
	f	6,3	6,3	6,3	6,3	6,3	6,3
	g	8	8	8	8	8	8
	h	249	251	253	255	253	259
	M	1x25 and 1x32			1x25 and 1x32		
	M*	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	1,5	1,5	2,5	2,5	2,5
		—4	—4	—4	—10	—10	—10

Receptacles

switched, with mechanical
DODSCH interlock

IP 55

Product group 1187, type 7445 shown.



Drawing	Amp.	63
1 MB 283	Poles	3
Dim. in mm	a	460
	b	180
	c	209
	d	440
	e	160
	f	8,1
	g	8
	h	525
	M	40
	M*	2x40
Max. cable diam. (mm)		27
Terminal for cond. cross section (mm²) min.-max.		4
		—25

Receptacles

switched, with mechanical
DUO interlock, padlockable

◆ IP 67

Product group 1074, type 5806 shown.

3  2p+E		>50-250V >250V 3h 8h				Std. Pack.	Weight		
Part numbers								Qty.	g/each
	16	3	5467			1	1142		
	32	3	5474			1	1720		
	32	3	7446	7445		4	1724		
	63	3	5806	5703		1	5150		