

 **MENNEKES®**

Plugs for the world

# Industrial plugs and sockets



International  
Edition

# Global focus

Well known internationally and certified.



MENNEKES plugs and sockets are well known all over the world – and comply with the relevant national and international standards.

More than half of our products are destined for international markets.

This is why MENNEKES also has a global presence, with subsidiaries and agencies in more than 90 countries.

When plugs and sockets are being tested by independent testing authorities, such as the VDE Testing and Certification Institute, the test reports are compiled according to CCA or CB-II procedures. They then serve as the basis for approvals in other countries, such as those whose national test marks are shown below.

For plugs and sockets for USA and Canada please contact us.





# Unmistakable



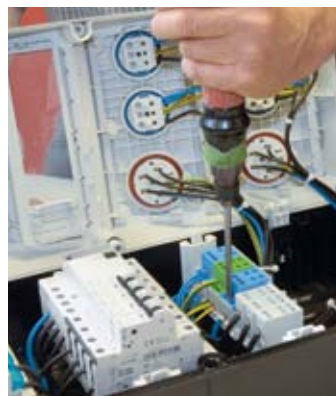
Kirchhundem headquarters

For 75 years the MENNEKES name has been the byword for unmistakable products in the markets of the world.

Every expert and end user in the electrical industry knows: Only those products which have the MENNEKES brand name on, contain MENNEKES quality.

We give you a promise of quality and service. This promise is one of the main reasons why our family-owned company has a brand which is irreplaceable. We live our brand and feel obliged to it. You can rely on MENNEKES. This is and

remains the driving force of our 800 employees worldwide. It is through their daily dedication where they prove their commitment to the MENNEKES brand, whether it is in Germany, in Great Britain or in any other part of the world. Highest quality, reliability, safety, power of innovation, marketability and sustainability of our action form our brand. We have a clear identity which makes MENNEKES the ideal partner for you, our customers and the end user, being a reliable supplier of an irreplaceable brand.




Only the combination of first-class raw materials and advanced manufacturing processes guarantees a premium product. This is why we use only first-grade granules which are processed by a highly skilled workforce in state-of-the-art production facilities to create certified MENNEKES products.

# CEE receptacles 16A up to 125A

63A: SoftCONTACT, 125A: TorsionSpringCONTACT

Other voltages and frequencies available on request. For drawings and dimensions see page 20 - 25.


**Wall mounted receptacle** **Drawing 1**



A	P	110V	230V	400V
16	3	1177	1178	—
16	4	—	1267	1268
16	5	—	—	1
32	3	1368	1369	—
32	4	1371	1372	1373
32	5	—	—	2

▲ IP 44


**Wall mounted receptacle** **Drawing 2**



A	P	110V	230V	400V
16	3	100	101	102
16	4	103	104	105
16	5	109	110	111
32	3	—	—	—
32	4	—	—	—
32	5	—	—	—

▲ IP 44


**Wall mounted receptacle** **Drawing 3**



A	P	110V	230V	400V
16	3	—	—	—
16	4	3030	3034	1418
16	5	3041	3045	1419
32	3	1420	1421	1422
32	4	1423	1424	1425
32	5	1555	1556	1557

▲ IP 44


**Wall mounted receptacle** **Drawing 4**



A	P	110V	230V	400V
63	3	1136A	1137A	1138A
63	4	1139A	1140A	1141A
63	5	1143A	1144A	1145A
125	3	—	—	—
125	4	—	—	—
125	5	—	—	—

▲ IP 44


**Wall mounted receptacle** **Drawing 5**



A	P	110V	230V	400V
16	3	1193	1192	1211
16	4	1194	1195	1196
16	5	1198	1199	1200
32	3	1201	1202	1203
32	4	1204	1205	1206
32	5	1208	1209	1210

▲ IP 67


**Wall mounted receptacle** **Drawing 6**



A	P	110V	230V	400V
63	3	856	128A	129A
63	4	130A	131A	132A
63	5	134A	135A	136A
125	3	—	—	—
125	4	—	—	—
125	5	—	—	—

▲ IP 67

**Wall mounted receptacle** **Drawing 7**




A	P	110V	230V	400V
63	3	—	—	—
63	4	—	—	—
63	5	—	—	—
125	3	—	—	—
125	4	137	138	139
125	5	141	142	143

▲ IP 67

**Wall mounted receptacle** **Drawing 8**

with large space for accommodating wiring




A	P	110V	230V	400V
63	3	—	—	—
63	4	—	—	—
63	5	—	—	—
125	3	—	—	—
125	4	—	—	—
125	5	—	—	2162

▲ IP 67

**Panel mounted receptacle** **Drawing 9**

straight




A	P	110V	230V	400V
16	3	1365	1366	1367
16	4	1388	1389	1390
16	5	1384	1386	1385
32	3	1394	1395	1396
32	4	1397	1398	1399
32	5	3449	3454	3451

▲ IP 44

**Panel mounted receptacle** **Drawing 10**

straight




A	P	110V	230V	400V
16	3	217A	218A	219A
16	4	220A	221A	222A
16	5	226A	227A	228A
32	3	229A	230A	231A
32	4	232A	233A	234A
32	5	238A	239A	240A

▲ IP 67

**Panel mounted receptacle** **Drawing 11**

angled 20°




A	P	110V	230V	400V
16	3	1462	1463	1464
16	4	1465	1466	1467
16	5	1471	1472	1473
32	3	1491	1492	1493
32	4	1494	1495	1496
32	5	1498	1499	1500

▲ IP 44

**Panel mounted receptacle** **Drawing 12**

angled 20°




A	P	110V	230V	400V
16	3	1474	1475	1476
16	4	1477	1478	1479
16	5	1483	1484	1485
32	3	1501	1502	1503
32	4	1504	1505	1506
32	5	1489	1490	1551

▲ IP 67

**Panel mounted receptacle** **Drawing 13**

straight




A	P	110V	230V	400V
63	3	1260A	1261A	1262A
63	4	1246A	1247A	1248A
63	5	1250A	1251A	1252A
125	3	—	—	—
125	4	—	—	—
125	5	—	—	—

▲ IP 44

**Panel mounted receptacle** **Drawing 14**

straight




A	P	110V	230V	400V
63	3	1263A	1264A	1265A
63	4	1122A	1123A	1124A
63	5	1126A	1127A	1128A
125	3	—	3380	—
125	4	1455	1456	1457
125	5	1459	1460	1461

▲ IP 67

**Panel mounted receptacle** **Drawing 15**

angled 20°




A	P	110V	230V	400V
63	3	1146A	1147A	1148A
63	4	1149A	1150A	1151A
63	5	1153A	1154A	1155A
125	3	—	—	—
125	4	—	—	—
125	5	—	—	—

▲ IP 44

**Panel mounted receptacle** **Drawing 16**

angled 20°




A	P	110V	230V	400V
63	3	2179A	2180A	2181A
63	4	203A	204A	205A
63	5	207A	208A	209A
125	3	—	3575	—
125	4	210A	211A	212A
125	5	214A	215A	216A

▲ IP 67

**Panel mounted receptacle** **Drawing 17**

angled 20°, standard flange: 85 x 85 mm, fixing hole spacing: 70 x 70 mm




A	P	110V	230V	400V
16	3	3031	3036	—
16	4	—	—	3072
16	5	—	—	3093
32	3	3110	3112	—
32	4	—	—	3136
32	5	—	—	3153

▲ IP 44

**Panel mounted receptacle** **Drawing 18**

angled 20°, standard flange: 85 x 85 mm, fixing hole spacing: 70 x 70 mm



A	P	110V	230V	400V
16	3	903	905	—
16	4	—	—	1081
16	5	—	—	1103
32	3	3197	3200	—
32	4	—	—	3254
32	5	—	—	3524


▲ IP 67



# CEE receptacles 16A and 32A ■ screwless connection technique TwinCONTACT

Other voltages and frequencies available on request. For drawings and dimensions see page 20 - 25.

**Wall mounted receptacle** **Drawing 19**




screwless spring terminals

A	P	110V	230V	400V
16	3	1340	1341	—
16	4	—	1342	1343
16	5	—	—	31
32	3	1345	1346	—
32	4	—	1347	1348
32	5	—	—	32

▲ IP 44

**Wall mounted receptacle** **Drawing 2**




screwless spring terminals

A	P	110V	230V	400V
16	3	1719	1720	1721
16	4	—	1723	1724
16	5	—	1730	3331
32	3	—	—	—
32	4	—	—	—
32	5	—	—	—

▲ IP 44

**Wall mounted receptacle** **Drawing 3**




screwless spring terminals

A	P	110V	230V	400V
16	3	—	—	—
16	4	1750	1751	418
16	5	1755	1756	419
32	3	1851	420	1852
32	4	1855	1856	421
32	5	1860	1861	422

▲ IP 44

**Wall mounted receptacle** **Drawing 5**




screwless spring terminals

A	P	110V	230V	400V
16	3	1867	241	1868
16	4	1870	1871	242
16	5	1875	1876	200
32	3	1877	243	1878
32	4	1879	1880	244
32	5	1884	1885	245

▲▲ IP 67

**Panel mounted receptacle** **Drawing 20**




screwless spring terminals, straight

A	P	110V	230V	400V
16	3	1667	1668	1669
16	4	1672	1673	1674
16	5	1678	1679	3385
32	3	1786	1787	1788
32	4	1789	1790	1791
32	5	1795	1796	1797

▲ IP 44

**Panel mounted receptacle** **Drawing 21**




screwless spring terminals, straight

A	P	110V	230V	400V
16	3	1707	1708	1709
16	4	1710	1711	1712
16	5	1716	1717	1131
32	3	1809	1810	1811
32	4	1812	1813	1814
32	5	1818	1819	1820

▲▲ IP 67

**Panel mounted receptacle** **Drawing 22**




screwless spring terminals, angled 20°

A	P	110V	230V	400V
16	3	1631	1632	1633
16	4	1636	1637	1638
16	5	1642	1643	3473
32	3	1733	1734	1735
32	4	1738	1739	1740
32	5	1744	1745	1746

▲ IP 44

**Panel mounted receptacle** **Drawing 23**




screwless spring terminals, angled 20°

A	P	110V	230V	400V
16	3	1700	1701	1702
16	4	—	1703	1704
16	5	—	—	3485
32	3	1801	1802	1803
32	4	—	1804	1805
32	5	—	—	1808

▲▲ IP 67

**Panel mounted receptacle RAPIDO®** **Drawing 24**




screwless spring terminals, central fixing, 61 mm Ø mounting hole

A	P	110V	230V	400V
16	3	1132	997	—
16	4	—	—	—
16	5	—	—	—
32	3	—	—	—
32	4	—	—	—
32	5	—	—	—

▲ IP 44

**Panel mounted receptacle RAPIDO®** **Drawing 25**



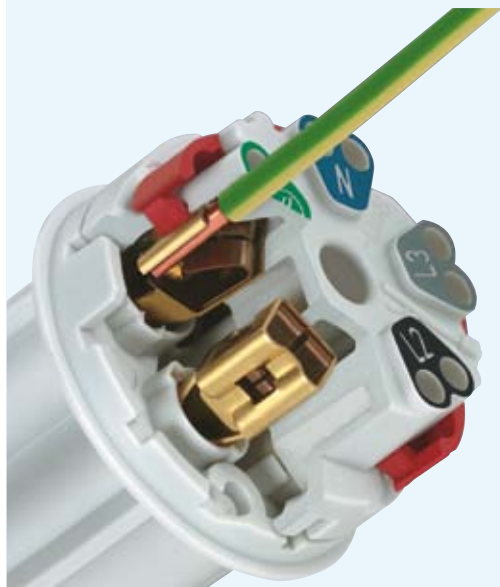
screwless spring terminals, central fixing, 70 mm Ø mounting hole

A	P	110V	230V	400V
16	3	—	—	—
16	4	—	1133	998
16	5	—	—	907
32	3	1135	987	—
32	4	—	1166	988
32	5	—	—	989

▲ IP 44

## TwinCONTACT Screwless connection technique

without screws, double terminal with split spring for through-wiring.



## RAPIDO®

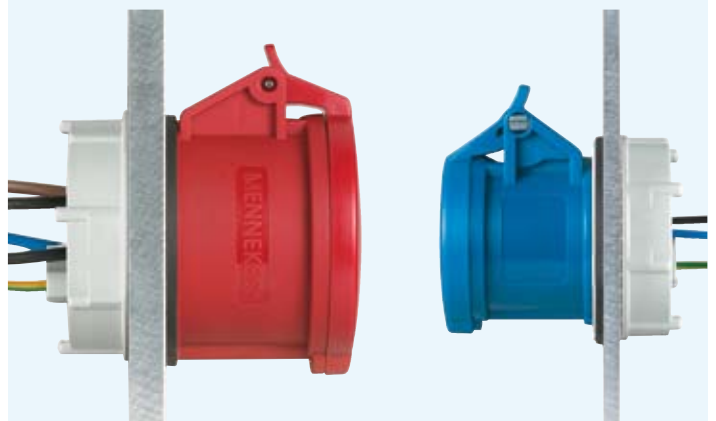
RAPIDO® receptacles are available with screw terminals or with screwless TwinCONTACT.

16A, 3p:

for mounting holes 61 mm diam. and wall thickness from 2 up to 5 mm.


16A, 4p + 5p and 32A:

for mounting holes 70 mm diam. and wall thickness from 2 up to 9 mm.




# CEE plugs and inlets 16A up to 125A

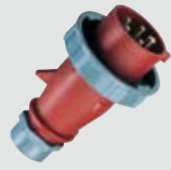
Other voltages and frequencies available on request. For drawings and dimensions see page 20 - 25.

Plug AM-TOP®		A	P	110V	230V	400V
	single part body, screw terminals	16	3	247	248	249
		16	4	250	251	252
		16	5	256	257	3
		32	3	259	260	261
		32	4	262	263	264
		32	5	268	269	4


⚠ IP 44

Plug StarTOP® with SafeCONTACT		A	P	110V	230V	400V
	screwless with insulation displacement technique	16	3	947	948	—
		16	4	—	951	952
		16	5	—	—	33
		32	3	711	712	—
		32	4	—	717	719
		32	5	—	—	34

⚠ IP 44

Plug AM-TOP®		A	P	110V	230V	400V
	single part body, screw terminals	16	3	277	278	279
		16	4	280	281	282
		16	5	286	287	288
		32	3	289	290	291
		32	4	292	293	294
		32	5	298	299	300


⚠ IP 67

Plug PowerTOP® Xtra		A	P	110V	230V	400V
	with rubberised grip area, for toughest conditions	63	3	13201	13202	13203
		63	4	13204	13205	13206
		63	5	13210	13211	13212
		125	3	13215	13216	—
		125	4	13217	13218	13219
		125	5	13223	13224	13225


⚠ IP 67

Panel mounted inlet RAPIDO®		Drawing 26				
		A	P	110V	230V	400V
	with screw terminals, central fixing, 61 mm Ø mounting hole	16	3	919	924	—
		16	4	—	—	931
		16	5	—	—	949
		32	3	—	—	—
		32	4	—	—	—
		32	5	—	—	—

⚠ IP 44

Wall mounted inlet		Drawing 28				
		A	P	110V	230V	400V
		16	3	843	844	—
		16	4	—	—	800
		16	5	—	—	801
		32	3	—	802	—
		32	4	—	—	803
		32	5	—	—	804


⚠ IP 44

Panel mounted inlet		Drawing 30				
		A	P	110V	230V	400V
	with hinged lid	16	3	—	—	—
		16	4	392	393	394
		16	5	398	399	400
		32	3	401	402	403
		32	4	404	405	406
		32	5	410	411	412


⚠ IP 44

Panel mounted inlet		Drawing 32				
		A	P	110V	230V	400V
		16	3	810	812	—
		16	4	—	837	813
		16	5	—	—	815
		32	3	816	817	—
		32	4	—	838	819
		32	5	—	—	821


⚠ IP 44

Panel mounted inlet		Drawing 34				
		A	P	110V	230V	400V
		16	3	825	826	—
		16	4	—	839	827
		16	5	—	—	829
		32	3	830	831	—
		32	4	—	840	832
		32	5	—	—	834


⚠ IP 67

Plug ProTOP		A	P	110V	230V	400V
	split body, screw terminals	16	3	147A	148A	149A
		16	4	—	151A	152A
		16	5	—	—	13A
		32	3	159	160	—
		32	4	—	163	164
		32	5	—	—	14A


⚠ IP 44

Plug PowerTOP® Xtra		A	P	110V	230V	400V
	with rubberised grip area, for toughest conditions	63	3	13101	13102	—
		63	4	—	13105	13106
		63	5	—	13111	13112
		125	3	—	—	—
		125	4	—	—	—
		125	5	—	—	—


⚠ IP 44

Plug PowerTOP®		A	P	110V	230V	400V
	with external strain relief	16	3	3794	3796	3799
		16	4	3807	3811	3809
		16	5	3819	3823	3821
		32	3	3829	3830	3832
		32	4	3839	3844	3841
		32	5	3851	3855	3853


⚠ IP 67

Angled plug		A	P	110V	230V	400V
	*VarioTOP	16	3	1410	1411	—
		16	4	—	891	315
		16	5	3312	3981*	3980*
		32	3	—	3306	—
		32	4	—	3646	3987
		32	5	—	3424	3266


⚠ IP 44

Panel mounted inlet RAPIDO®		Drawing 27				
		A	P	110V	230V	400V
	with screw terminals, central fixing, 70 mm Ø mounting hole	16	3	—	—	—
		16	4	—	932	933
		16	5	—	—	972
		32	3	935	938	—
		32	4	—	939	942
		32	5	—	—	945


⚠ IP 44

Wall mounted inlet		Drawing 29				
		A	P	110V	230V	400V
		16	3	331	332	333
		16	4	334	335	336
		16	5	340	341	342
		32	3	343	344	345
		32	4	346	347	348
		32	5	352	353	354


⚠ IP 44

Wall mounted inlet		Drawing 31				
		A	P	110V	230V	400V
		63	3	1216	1107	1217
		63	4	355	356	357
		63	5	359	360	361
		125	3	—	—	—
		125	4	362	363	364
		125	5	366	367	368

⚠ IP 67

Panel mounted inlet		Drawing 33				
		A	P	110V	230V	400V
		63	3	822	1981	—
		63	4	—	1984	1982
		63	5	—	—	1688
		125	3	—	—	—
		125	4	—	—	—
		125	5	—	—	—

⚠ IP 44


Panel mounted inlet		Drawing 35				
		A	P	110V	230V	400V
		63	3	835	836	—
		63	4	—	3704	3656
		63	5	—	—	3658
		125	3	—	3665	—
		125	4	—	3413	3583
		125	5	—	—	1983

⚠ IP 67

# CEE connectors 16A up to 125A

63A: SoftCONTACT, 125A: TorsionSpringCONTACT  
Other voltages and frequencies available on request.

**Connector AM-TOP®**

	single part body, screw terminals		<b>A</b>	<b>P</b>	<b>110V</b>	<b>230V</b>	<b>400V</b>
	16	3	509	510	511		
	16	4	512	513	514		
	16	5	518	519	5		
	32	3	521	522	523		
	32	4	524	525	526		
	32	5	530	531	6		


▲ IP 44

**Connector ProTOP**

	split body, screw terminals		<b>A</b>	<b>P</b>	<b>110V</b>	<b>230V</b>	<b>400V</b>
	16	3	179A	180A	181A		
	16	4	—	193A	194A		
	16	5	—	—	15A		
	32	3	121	122	—		
	32	4	—	125	126		
	32	5	—	—	16A		


▲ IP 44

**Connector StarTOP® with SafeCONTACT**

	screwless with insulation displacement technique		<b>A</b>	<b>P</b>	<b>110V</b>	<b>230V</b>	<b>400V</b>
	16	3	979	980	—		
	16	4	—	993	994		
	16	5	—	—	35		
	32	3	725	731	—		
	32	4	—	761	763		
	32	5	—	—	36		


▲ IP 44

**Connector PowerTOP® Xtra**

	with rubberised grip area, for toughest conditions		<b>A</b>	<b>P</b>	<b>110V</b>	<b>230V</b>	<b>400V</b>
	63	3	14101	14102	—		
	63	4	—	14105	14106		
	63	5	—	14111	14112		
	125	3	—	—	—		
	125	4	—	—	—		
	125	5	—	—	—		

▲ IP 44

**Connector AM-TOP®**

	single part body, screw terminals		<b>A</b>	<b>P</b>	<b>110V</b>	<b>230V</b>	<b>400V</b>
	16	3	539	540	541		
	16	4	542	543	544		
	16	5	548	549	550		
	32	3	551	552	553		
	32	4	554	555	556		
	32	5	560	561	562		


▲ IP 67

**Connector PowerTOP®**

	with external strain relief		<b>A</b>	<b>P</b>	<b>110V</b>	<b>230V</b>	<b>400V</b>
	16	3	3859	3860	3862		
	16	4	3869	3873	3871		
	16	5	3879	3883	3881		
	32	3	3887	3888	3891		
	32	4	3896	3899	3897		
	32	5	3905	3909	3907		

▲ IP 67

**Connector PowerTOP® Xtra**

	with rubberised grip area, for toughest conditions		<b>A</b>	<b>P</b>	<b>110V</b>	<b>230V</b>	<b>400V</b>
	63	3	14201	14202	14203		
	63	4	14204	14205	14206		
	63	5	14210	14211	14212		
	125	3	14215	14216	—		
	125	4	14217	14218	14219		
	125	5	14223	14224	14225		

▲ IP 67

**Angled connector**

			<b>A</b>	<b>P</b>	<b>110V</b>	<b>230V</b>	<b>400V</b>
	16	3	—	1438	—		
	16	4	—	—	—		
	16	5	—	—	—		
	32	3	—	—	—		
	32	4	—	—	—		
	32	5	—	—	—		

▲ IP 44

## PowerTOP® Xtra



SoftCONTACT



TorsionSpringCONTACT



PowerTOP® Xtra is rubberised for the best grip. Improved impact resistance even under humid conditions. Highly heat-resistant contact carrier, frame terminals, cable gland and sealing, strain relief and protection against kinking. Enclosure with thread lock, two safety slides and plugs with nickel-plated contacts.  
Connectors 63A with **SoftCONTACT** and 125A with **TorsionSpringCONTACT**.

## StarTOP®




StarTOP® with SafeCONTACT, screwless with insulation displacement technique, cable gland with sealing, strain relief and protection against kinking, 2-part enclosure with thread and locking slider.



# CEE receptacles switched 16A up to 125A ■ with mechanical DUO-interlock


63A: SoftCONTACT, 125A: TorsionSpringCONTACT. Receptacles can be padlocked.  
Other voltages and frequencies available on request. For drawings and dimensions see page 20 - 25.

**Wall mounted receptacle** **Drawing 36**

	A	P	110V	230V	400V
	16	3	7010A	7002A	—
	16	4	5457A	5099A	5100A
	16	5	5459A	5102A	5103A
	32	3	5743A	5696A	—
	32	4	5460A	5104A	5105A
	32	5	5462A	5107A	5108A


▲ IP 44

**Wall mounted receptacle** **Drawing 37**

	A	P	110V	230V	400V
	16	3	7011A	7012A	—
	16	4	—	5599A	5600A
	16	5	—	5602A	5603A
	32	3	5924A	5793A	—
	32	4	—	5604A	5605A
	32	5	—	5607A	5608A


▲▲ IP 67

**Wall mounted receptacle** **Drawing 38**

	A	P	110V	230V	400V
	63	3	6569	6571	—
	63	4	—	5955A	5956A
	63	5	—	—	5959A
	125	3	—	—	—
	125	4	—	—	—
	125	5	—	—	—


▲ IP 44

**Wall mounted receptacle** **63A: Drawing 39 / 125A: Drawing 65**

	A	P	110V	230V	400V
	63	3	5925A	5911A	—
	63	4	—	5109A	5110A
	63	5	—	5112A	5113A
	125	3	7060	7000	—
	125	4	—	5887A	5691A
	125	5	—	5888A	5692A


▲▲ IP 67

**Wall mounted receptacle** **Drawing 40**

	A	P	110V	230V	400V
	16	3	7602	7603	—
	16	4	—	7604	7605
	16	5	—	—	7607
	32	3	7611	7612	—
	32	4	—	7613	7614
	32	5	—	—	7616

▲ IP 44

**Wall mounted receptacle** **Drawing 41**

	A	P	110V	230V	400V
	16	3	7620	7621	—
	16	4	—	7623	7624
	16	5	—	—	7626
	32	3	7628	7629	—
	32	4	—	7633	7634
	32	5	—	—	7636


▲▲ IP 67

**Panel mounted receptacle** **Drawing 42**

	A	P	110V	230V	400V
	16	3	7502	7503	—
	16	4	—	7504	7505
	16	5	—	—	7507
	32	3	7511	7512	—
	32	4	—	7513	7514
	32	5	—	—	7516


▲ IP 44

**Panel mounted receptacle** **Drawing 43**

	A	P	110V	230V	400V
	16	3	7520	7521	—
	16	4	—	7523	7524
	16	5	—	—	7526
	32	3	7530	7531	—
	32	4	—	7533	7534
	32	5	—	—	7536


▲▲ IP 67

**Wall mounted receptacle** **Drawing 44**

	A	P	110V	230V	400V
	fused, DIN-rail				
	16	3	—	7213	—
	16	4	—	—	5610A
	16	5	—	—	5613A
	32	4	—	—	5615A
	32	5	—	—	5618A
63	4	—	—	6059A	
63	5	—	—	6062A	


▲ IP 44

**Wall mounted receptacle** **Drawing 45**

	A	P	110V	230V	400V
	fused, DIN-rail				
	16	3	—	7050	—
	16	4	—	—	5630A
	16	5	—	—	5633A
	32	4	—	—	5635A
	32	5	—	—	5638A
63	4	—	—	5640A	
63	5	—	—	5643A	


▲▲ IP 67

**Wall mounted receptacle** **Drawing 44**

	A	P	110V	230V	400V
	fused, MCB				
	16	3	—	7216	—
	16	4	—	—	7217
	16	5	—	—	7218
	32	4	—	—	7219
	32	5	—	—	7220
63	4	—	—	7221	
63	5	—	—	7222	

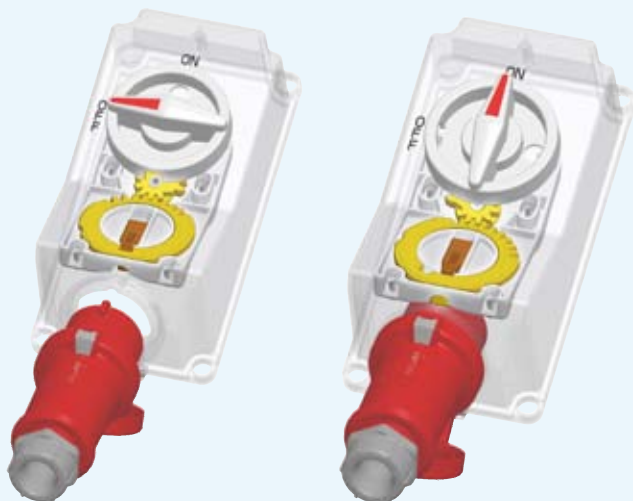
▲ IP 44

**Wall mounted receptacle** **Drawing 45**

	A	P	110V	230V	400V
	fused, MCB				
	16	3	—	7238	—
	16	4	—	—	7239
	16	5	—	—	7240
	32	4	—	—	7241
	32	5	—	—	7242
63	4	—	—	7243	
63	5	—	—	7244	

▲▲ IP 67

## Mechanical DUO-interlock



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






# CEE phase inverter plugs and inlets, plugs and sockets for low voltage

Other voltages and frequencies available on request. For drawings and dimensions see page 20 - 25.

**Phase inverter plug AM-TOP®**




single part body, screw terminals

A	P	110V	230V	400V
16	3	—	—	—
16	4	—	338	339
16	5	—	318	319
32	3	—	—	—
32	4	—	396	397
32	5	—	321	322

⚠ IP 44

**Phase inverter plug AM-TOP®**



single part body, screw terminals

A	P	110V	230V	400V
16	3	—	—	—
16	4	—	3338	3339
16	5	—	—	325
32	3	—	—	—
32	4	—	3340	3341
32	5	—	327	328

⚠ IP 67

**Phase inverter plug ProTOP**



split body, screw terminals

A	P	110V	230V	400V
16	3	—	—	—
16	4	—	—	—
16	5	—	—	3319A
32	3	—	—	—
32	4	—	—	—
32	5	—	—	3322

⚠ IP 44

**Phase inverter plug VarioTOP**



A	P	110V	230V	400V
16	3	—	—	—
16	4	—	—	—
16	5	—	—	859
32	3	—	—	—
32	4	—	—	—
32	5	—	—	—

⚠ IP 44

**Wall mounted phase inverter inlet** **Drawing 28**



A	P	110V	230V	400V
16	3	—	—	—
16	4	—	—	—
16	5	—	—	3517
32	3	—	—	—
32	4	—	—	—
32	5	—	—	3523

⚠ IP 44

**Wall mounted phase inverter inlet** **Drawing 29**



A	P	110V	230V	400V
16	3	—	—	—
16	4	—	3342	3343
16	5	—	—	2511
32	3	—	—	—
32	4	—	3345	3346
32	5	—	3347	2478

⚠ IP 44

**Panel mounted phase inverter inlet** **Drawing 30**



A	P	110V	230V	400V
16	3	—	—	—
16	4	—	3348	3350
16	5	—	—	20970
32	3	—	—	—
32	4	—	3355	3356
32	5	—	3717	21241

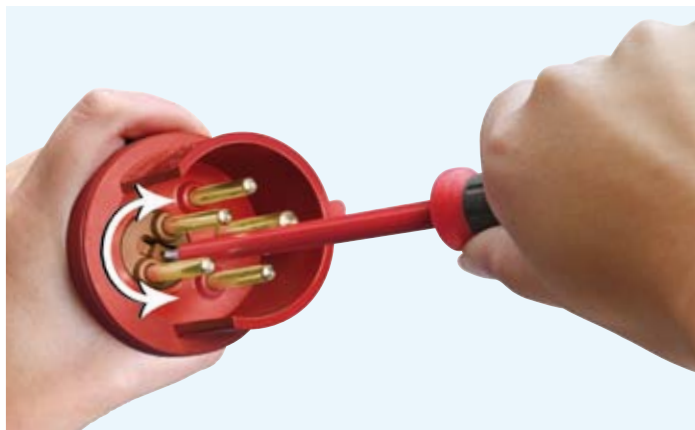
⚠ IP 44

**Panel mounted phase inverter inlet** **Drawing 46**




A	P	110V	230V	400V
16	3	—	—	—
16	4	—	—	—
16	5	—	—	854
32	3	—	—	—
32	4	—	—	—
32	5	—	—	—

⚠ IP 44




**Wall mounted receptacle** **Drawing 47**



A	P	20-25V 50 a. 60 Hz	40-50V 50 a. 60 Hz	20-25V/ 40-50V 100-200 Hz
16	2	1825	1831	—
16	3	1832	1837	1835
32	2	1838	1844	—
32	3	1845	1850	1848

⚠ IP 44


**Wall mounted receptacle** **Drawing 48**



A	P	20-25V 50 a. 60 Hz	40-50V 50 a. 60 Hz	20-25V/ 40-50V 100-200 Hz
16	2	577	578	—
16	3	584	585	586
32	2	590	591	—
32	3	597	598	599

⚠ IP 44


**Panel mounted receptacle** **Drawing 49**



A	P	20-25V 50 a. 60 Hz	40-50V 50 a. 60 Hz	20-25V/ 40-50V 100-200 Hz
16	2	603	604	—
16	3	610	611	612
32	2	616	617	—
32	3	623	624	625

⚠ IP 44


**Panel mounted receptacle** **Drawing 50**



A	P	20-25V 50 a. 60 Hz	40-50V 50 a. 60 Hz	20-25V/ 40-50V 100-200 Hz
16	2	1270	2855	—
16	3	2845	1272	2860
32	2	1271	2864	—
32	3	2870	1273	2852

⚠ IP 44


**Plug**



A	P	20-25V 50 a. 60 Hz	40-50V 50 a. 60 Hz	20-25V/ 40-50V 100-200 Hz
16	2	629A	630A	—
16	3	636A	637A	638A
32	2	642A	643A	—
32	3	649A	650A	651A

⚠ IP 44


**Wall mounted appliance inlet** **Drawing 51**



A	P	20-25V 50 a. 60 Hz	40-50V 50 a. 60 Hz	20-25V/ 40-50V 100-200 Hz
16	2	1955	1961	—
16	3	1962	1967	1965
32	2	1968	1974	—
32	3	1975	1980	1978

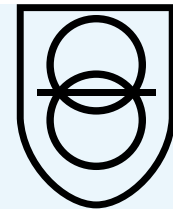
⚠ IP 44

**Connector**



A	P	20-25V 50 a. 60 Hz	40-50V 50 a. 60 Hz	20-25V/ 40-50V 100-200 Hz
16	2	681A	682A	—
16	3	688A	689A	690A
32	2	694A	695A	—
32	3	701A	702A	703A


⚠ IP 44



# CEE plugs and sockets 7 pole


Other voltages and frequencies available on request. For drawings and dimensions see page 20 - 25.

Wall mounted receptacle		Drawing 52				
A	P	230V	400V	500V		
16	7	733	734	1035		
32	7	735	736	1040		




▲ IP 44

Wall mounted receptacle		Drawing 53				
A	P	230V	400V	500V		
16	7	3240	2746	3262		
32	7	2818	2648	2782		




▲▲ IP 67

Panel mounted receptacle		Drawing 11				
angled 20°		A	P	230V	400V	500V
16	7	737	738	1045		
32	7	739	740	1050		




▲ IP 44

Panel mounted receptacle		Drawing 12				
angled 20°		A	P	230V	400V	500V
16	7	2883	2459	2296		
32	7	—	2317	2212		




▲▲ IP 67

Plug AM-TOP®		A	P	230V	400V	500V
single part body, screw terminals		16	7	741	742	1055
		32	7	743	744	1060




▲ IP 44

Plug AM-TOP®		A	P	230V	400V	500V
single part body, screw terminals		16	7	3776	3777	3913
		32	7	2405	2324	2213




▲▲ IP 67

Wall mounted inlet		Drawing 54				
A	P	230V	400V	500V		
16	7	—	2166	—		
32	7	—	2167	—		




▲ IP 44

Panel mounted inlet		Drawing 55				
A	P	230V	400V	500V		
16	7	749	750	1075		
32	7	751	752	1080		




▲ IP 44

Connector AM-TOP®		A	P	230V	400V	500V
single part body, screw terminals		16	7	745	746	1065
		32	7	747	748	1070




▲ IP 44

Connector AM-TOP®		A	P	230V	400V	500V
single part body, screw terminals		16	7	3783	3916	3784
		32	7	2406	2255	2460




▲▲ IP 67

Wall mounted receptacle		Drawing 56				
with mechanical DUO-interlock, 3 pole switch, can be padlocked		A	P	230V	400V	500V
		16	7	—	5536	—
		32	7	—	7061	—



▲ IP 44

Wall mounted receptacle		Drawing 57				
with mechanical DUO-interlock, 3 pole switch, can be padlocked		A	P	230V	400V	500V
		16	7	—	5785	—
		32	7	—	6106	—



▲▲ IP 67

## Plugs and sockets 7 pole for multi functional applications

These 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









# CEE receptacles Cepex



Other voltages and frequencies available on request. For drawings and dimensions see page 20 - 25.


Wall mounted receptacle		Drawing 58				
	grey	A	P	110V	230V	400V
		16	3	4101	4102	—
		16	4	—	4254	4103
		16	5	—	—	4105
		32	3	4106	4107	—
		32	4	—	—	4108
		32	5	—	—	4110
▲ IP 44		SCHUKO®		4970		



Wall mounted receptacle		Drawing 60				
	grey, with labelling field	A	P	110V	230V	400V
		16	3	—	4132	—
		16	4	—	—	4133
		16	5	—	—	4135
		32	3	—	4137	—
		32	4	—	—	4138
		32	5	—	—	4140
▲ IP 44		SCHUKO®		4973		


Wall mounted receptacle		Drawing 62				
	grey, with labelling field and lockable cover	A	P	110V	230V	400V
		16	3	—	4162	—
		16	4	—	—	4163
		16	5	—	—	4165
		32	3	—	4167	—
		32	4	—	—	4168
		32	5	—	—	4170
▲ IP 44		SCHUKO®		4976		


Panel mounted receptacle		Drawing 59				
	alpine white	A	P	110V	230V	400V
		16	3	—	—	—
		16	4	—	—	—
		16	5	—	—	4262
		32	3	—	—	—
		32	4	—	—	—
		32	5	—	—	4263
▲ IP 44		SCHUKO®		4979		


Flush mounted receptacle		Drawing 64				
	pearl white	A	P	110V	230V	400V
		16	3	—	4122	—
		16	4	—	—	—
		16	5	—	—	4125
		32	3	—	4127	—
		32	4	—	—	—
		32	5	—	—	4130
▲ IP 44		SCHUKO®		4972		

Flush mounted installation box	
	for Cepex CEE receptacles 16A and 32A and Cepex SCHUKO® receptacles
Part no. 41404	

Panel mounted receptacle		Drawing 59				
	pearl white	A	P	110V	230V	400V
		16	3	4111	4112	—
		16	4	—	4233	4113
		16	5	—	—	4115
		32	3	4116	4117	—
		32	4	—	—	4118
		32	5	—	—	4120
▲ IP 44		SCHUKO®		4971		


Panel mounted receptacle		Drawing 61				
	pearl white, with labelling field	A	P	110V	230V	400V
		16	3	4141	4142	—
		16	4	—	—	4143
		16	5	—	—	4145
		32	3	4146	4147	—
		32	4	—	—	4148
		32	5	—	—	4150
▲ IP 44		SCHUKO®		4974		

Panel mounted receptacle		Drawing 63				
	pearl white, with labelling field and lockable cover	A	P	110V	230V	400V
		16	3	4171	4172	—
		16	4	—	—	4173
		16	5	—	—	4175
		32	3	—	4177	—
		32	4	—	—	4178
		32	5	—	—	4180
▲ IP 44		SCHUKO®		4977		


Panel mounted receptacle		Drawing 61				
	alpine white, with labelling field	A	P	110V	230V	400V
		16	3	—	4247	—
		16	4	—	—	4273
		16	5	—	—	4237
		32	3	—	4274	—
		32	4	—	—	4275
		32	5	—	—	4238
▲ IP 44		SCHUKO®		4980		

**Cepex modular system**

Some versions of Cepex panel mounted receptacles are shown on the left. Further versions you can create using Cepex panel mounted receptacles, shown above, in combination with the installation box 41404.



Cepex SCHUKO® panel mounted receptacle with labelling field	<b>4145</b>
+	
flush mounted installation box	<b>41404</b>
=	
<b>flush mounted receptacle</b>	




## Perfect in every detail - one fits another

### Anything goes.

Covers, current rating and colours may be optionally combined: neutral cover, with labelling field, with labelling field and lock, 3 pole, 5 pole and SCHUKO®.





 = Resistant to ball rebound.



All Cepex receptacles with neutral covers meet DIN 18032 standards for ball rebound and are suitable for use in sports facilities and comparable environments.


# Plugs and sockets 200A up to 400A



Plugs and sockets are available in seawater resistant design on request.



Other voltages and frequencies available on request. For drawings and dimensions see page 20 - 25.



Receptacle		A	P	400V	weight
	with cable gland	200	4	75221	5580
		200	5	75226	5780
 IP 67					



Panel mounted receptacle		A	P	400V	weight
		200	4	75241	3200
		200	5	75246	3450
 IP 67					


Receptacle, switched and interlocked		Drawing 66			
		A	P	400V	weight
		200	4	75231	25100
		200	5	75236	25300
IP 55					



Plug		A	P	400V	weight
	with cable gland	200	4	75201	3000
		200	5	75206	3200
 IP 67					



Connector		A	P	400V	weight
	with cable gland	200	4	75211	3730
		200	5	75216	3980
 IP 67					

Receptacle		A	P	400V	weight
	with cable gland	250	4	75021	10510
		250	5	75111	11020
		400	4	75026	10510
		400	5	75116	11020
 IP 67					

Panel mounted receptacle		A	P	400V	weight
		250	4	75041	6800
		250	5	75131	7300
		400	4	75046	6800
		400	5	75136	7300
 IP 67					

Receptacle, switched and interlocked		Drawing 67			
		A	P	400V	weight
		250	4	75031	45000
		250	5	75121	46500
		400	4	75036	43900
		400	5	75126	45400
IP 55					

Plug		A	P	400V	weight
	with cable gland	250	4	75001	8290
		250	5	75091	8610
		400	4	75006	8290
		400	5	75096	8610
 IP 67					

Connector		A	P	400V	weight
	with cable gland	250	4	75011	9160
		250	5	75101	9670
		400	4	75016	9160
		400	5	75106	9670
 IP 67					

## Heavy duty versions for industry



Mechanical interlocking. For mobile consumers of rated current > 125A we have included a heavy duty range with 200A, 250A and 400A in our programme. This can be supplied for rated voltages of 230V to 1000V and in seawater resistant version.


The heavy duty range is suitable for use in very harsh conditions, e.g. building sites:

- drilling rigs
- tunnel constructions
- gravel pits
- strip mining
- container terminals and crane connections in harbours
- for versatile power supply at large-scale indoor and outdoor events
- power supply to market places
- airports
- quarries




# SCHUKO® and grounding-type receptacles


SCHUKO® and French/Belgian standard 16A, 230V, 2p + E. British standard 13A, 230V, 2p + E.  
Other voltages and frequencies available on request. For drawings and dimensions see page 20 - 25.

Panel mounted receptacle SCHUKO®		Drawing 68		
	with plug-in terminals or screw-terminals, without shutter	Colour	plug-in terminals	screw terminals
		grey	11010	11030
		blue	11011	11031
		black	11012	11032
		red	11013	11033


▲ IP 54

Panel mounted receptacle SCHUKO®		Drawing 68		
	with plug-in terminals or screw-terminals, with shutter	Colour	plug-in terminals	screw terminals
		grey	11060	—
		blue	11061	11081
		black	—	—
		red	—	—


▲ IP 54

Grounding-type panel mounted receptacle		Drawing 68		
	French/Belgian standard, with plug-in terminals, without shutter	Colour	plug-in terminals	screw terminals
		grey	11110	—
		blue	11111	—
		black	—	—
		red	—	—


▲ IP 44

Grounding-type panel mounted receptacle		Drawing 68		
	French/Belgian standard, with plug-in terminals or screw-terminals, with shutter	Colour	plug-in terminals	screw terminals
		grey	11160	11180
		blue	11161	11181
		black	11162	11182
		red	11163	11183


▲ IP 44

Wall mounted receptacle SCHUKO®		Drawing 69		
	with plug-in terminals, without shutter	Colour	plug-in terminals	screw terminals
		grey	10081	—
		blue	10082	—
		black	10083	—
		red	—	—

▲ IP 44


Grounding-type wall mounted receptacle		Drawing 69		
	French/Belgian standard, with plug-in terminals, with shutter	Colour	plug-in terminals	screw terminals
		grey	—	—
		blue	10092	—
		black	—	—
		red	—	—


▲ IP 44

Base for wall mounted receptacle				
	with cable entry and screws	Part no.	colour	
		Part no.	grey	10714
		Part no.	blue	10715
		Part no.	black	10716


**Modular system for wall mounted receptacle**

The combination of the base with one of the panel mounted receptacles shown above, gives a wall mounted receptacle.




Panel mounted receptacle SCHUKO®		Drawing 70		
	with plug-in terminals or screw-terminals, without shutter	Colour	plug-in terminals	screw terminals
		grey	—	—
		blue	11511	11531
		black	11512	11532
		red	—	—


IP 20

Grounding-type panel mounted receptacle		Drawing 70		
	French/Belgian standard, with plug-in terminals or screw-terminals, without shutter	Colour	plug-in terminals	screw terminals
		grey	—	—
		blue	11611	11631
		black	—	—
		red	—	—


IP 20


Grounding-type panel mounted receptacle		Drawing 71		
	British standard, with screw-terminals, with shutter and matching frame and seal	Colour	plug-in terminals	screw terminals
		grey	—	—
		blue	—	—
		black	—	10713
		red	—	—

▲ IP 44

Grounding-type panel mounted receptacle		Drawing 72		
	British standard, with screw-terminals, with shutter and seal	Colour	plug-in terminals	screw terminals
		grey	—	—
		blue	—	10718
		black	—	—
		red	—	—

▲ IP 44

Plug SCHUKO® with grommet				
	combined PE-conductor acc. to German and French/Belgian standards	Colour		
		grey	10749	
		black	10754	
		orange	10837	
		blue	10838	
		red	10839	
		yellow	10840	
green	10841			

Connector SCHUKO® with grommet				
		Colour		
		grey	10751	
		black	10755	
		orange	10842	
		blue	10843	
		red	10844	
		yellow	10845	
green	10846			



## Success in series

Extensively configurable receptacle combinations in six different sizes – the AMAXX® range by MENNEKES. With an appealing and unique design in many variations for almost all applications.

# AMAXX®

by MENNEKES



- Protection types: IP 44 and IP 67.
- Enclosure materials: AMAPLAST and especially chemical-resistant AMELAN®.
- Colours: bottom part black, top part grey, silver (IP 44), yellow or red.
- Equipped with: CEE receptacles from 16A, 3-poles up to 63A, 5-poles, grounding-type receptacles in acc. with many national standards, DUO receptacles switched and interlocked from 16A, 3p to 32A, 5p as well as fuse elements.

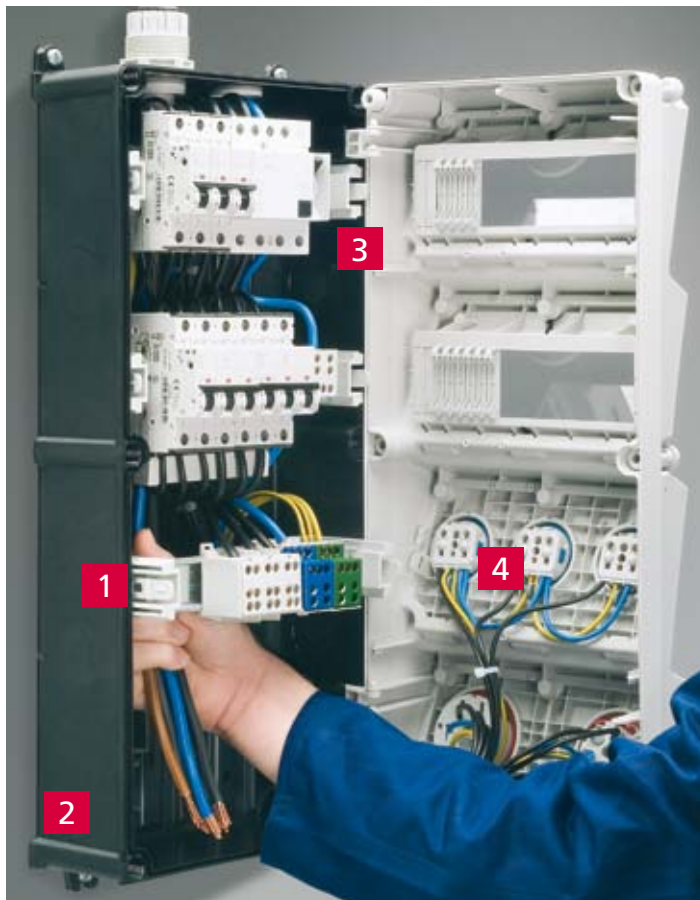
## International



AMAXX® receptacle combinations are also perfectly suited for the international market with many different standards. For example: British, French/Belgian, Danish and Swiss standard as well as the NEMA standard (USA and Canada). Contact us.



## Features and benefits



- 1 Lifiable DIN Rails**  
Lifiable DIN rails and a large, smooth wiring space significantly ease the insertion as well as connection of large cables.
- 2 One-man installation**  
Shorter installation times with the new, user-friendly external fixing.
- 3 Hinged cover**  
The hinged cover which opens to one side, eases connection work.
- 4 Ready for application**  
All combinations are pre-wired for installation and tested for electric safety and quality.



Generally angled insertion direction.



Especially fast opening and closing of the enclosure due to captive double-threaded cover screws.



Both hands free because inspection windows fold downwards.



Window can be locked with a padlock, enclosure can be sealed.

## Online configurator

The AMAXX® online configurator takes you to the right solution in just three easy steps. Compile your preferred combination from our range of SCHUKO® and CEE receptacles as well as fuse elements. 24 hours around the clock. The configurator immediately displays the selected combination, complete with text, image, price and delivery time. Your advantage: a drastically reduced offer time and therefore fast delivery of your AMAXX® combinations.

You will find the AMAXX® configurator at [www.AMAXX.info](http://www.AMAXX.info).



# AMAXX® receptacle combinations

made of AMAPLAST, pre-wired for installation, ▲ IP 44

Enclosure front cover electric grey RAL 7035, hinged to the side, fusing behind a transparent cover.

For more combinations in various national standards, please contact us or visit [www.AMAXX.info](http://www.AMAXX.info).



### CEE receptacles

1 CEE 32A, 5p, 400V

### CEE receptacles

### Receptacles SCHUKO®

2 SCHUKO® 16A, 230V

### Fusing

1 MCB 32A, 3p, C  
2 MCB's 16A, 1p, C

### Connection

for 1 cable up to 5 x 10 mm<sup>2</sup>

### Enclosure size

260 x 225 mm (H x W)

### Part no.

**920011** IP 44



### CEE receptacles

1 CEE 32A, 5p, 400V  
1 CEE 16A, 5p, 400V

### CEE receptacles

### Receptacles SCHUKO®

3 SCHUKO® 16A, 230V

### Fusing

1 MCB 32A, 3p, C  
1 MCB 16A, 3p, C  
3 MCB's 16A, 1p, C

### Connection

for 2 cables up to 5 x 25 mm<sup>2</sup>

### Enclosure size

390 x 225 mm (H x W)

### Part no.

**930011** IP 44



### CEE receptacles

1 CEE 63A, 5p, 400V  
1 CEE 32A, 5p, 400V  
1 CEE 16A, 5p, 400V

### CEE receptacles

### Receptacles SCHUKO®

2 SCHUKO® 16A, 230V

### Fusing

1 RCD 63A, 4p, 0.03A  
1 MCB 32A, 3p, C  
1 MCB 16A, 3p, C  
2 MCB's 16A, 1p, C

### Connection

for 2 cables up to 5 x 25 mm<sup>2</sup>

### Enclosure size

520 x 225 mm (H x W)

### Part no.

**940010** IP 44



### CEE receptacles

1 CEE 32A, 5p, 400V  
1 CEE 16A, 5p, 400V

### CEE receptacles

### Receptacles SCHUKO®

6 SCHUKO® 16A, 230V

### Fusing

1 RCD 63A, 4p, 0.03A  
1 MCB 32A, 3p, C  
1 MCB 16A, 3p, C  
6 MCB's 16A, 1p, C

### Connection

for 2 cables up to 5 x 25 mm<sup>2</sup>

### Enclosure size

650 x 225 mm (H x W)

### Part no.

**950004** IP 44



### CEE receptacles

1 CEE 16A, 5p, 400V

### CEE receptacles

### Rec. Danish standard

2 x 13A, 2p+E, 230V

### Fusing

1 RCD 40A, 4p, 0.03A  
1 MCB 16A, 3p, C  
2 MCB's 13A, 1p, C

### Connection

for 1 cable up to 5 x 10 mm<sup>2</sup>

### Enclosure size

260 x 225 mm (H x W)

### Part no.

**920210** IP 44



### CEE receptacles

1 CEE 32A, 5p, 400V

### CEE receptacles

### Rec. French/Belg. standard

3 NF 16A, 2p+E, 230V

### Fusing

1 RCD 40A, 4p, 0.03A  
1 MCB 32A, 3p+N, C  
1 MCB 16A, 1p+N, C  
1 off button and 1 indicator light

### Connection

for 1 cable up to 5 x 25 mm<sup>2</sup>

### Enclosure size

390 x 225 mm (H x W)

### Part no.

**930038** IP 44



### CEE receptacles

1 CEE 32A, 5p, 400V  
2 CEE 16A, 5p, 400V  
2 type 25: 16A, 5p, 400V

### CEE receptacles

### Rec. Swiss standard

2 x type 23: 16A, 3p, 230V

### Fusing

1 RCD 63A, 4p, 0.03A  
1 MCB 32A, 3p, C  
2 MCB's 16A, 3p, C  
1 MCB 16A, 1p, C

### Connection

for 2 cables up to 5 x 25 mm<sup>2</sup>

### Enclosure size

520 x 225 mm (H x W)

### Part no.

**940809** IP 44



### CEE receptacles

1 CEE 63A, 5p, 400V  
1 CEE 32A, 5p, 400V  
1 CEE 16A, 5p, 400V

### CEE receptacles

### Rec. French/Belg. standard

4 NF 16A, 2p+E, 230V

### Fusing

1 RCD 63A, 4p, 0.03A  
1 MCB 32A, 3p+N, C  
1 MCB 16A, 3p+N, C  
4 MCB's 16A, 1p+N, C

### Connection

for 2 cables up to 5 x 25 mm<sup>2</sup>

### Enclosure size

650 x 225 mm (H x W)

### Part no.

**950022** IP 44

# AMAXX® receptacle combinations

made of AMAPLAST or AMELAN® (resistant to chemicals), pre-wired for installation, ▲ IP 44 or ▲▲ IP 67

Enclosure front cover AMAPLAST electric grey RAL 7035 or AMELAN® grey RAL 7000, hinged to the side (except enclosure size 130 x 225 mm and 650 x 112.5 mm), fusing behind a transparent cover. For more combinations in various national standards, please contact us or visit [www.AMAXX.info](http://www.AMAXX.info).



## CEE receptacles

## CEE receptacles

## Receptacles SCHUKO®

## Fusing

## with feeder cable

1.5 m H07RN-F3G1.5 with plug SCHUKO® 16A, 230V

## Enclosure size

130 x 225 mm (H x W)

## Part no.

**910031** IP 44



## CEE receptacles

1 CEE 32A, 5p, 400V  
1 CEE 16A, 5p, 400V

## CEE receptacles

## Rec. British standard

3 x 13A, 2p+E, 230V

## Fusing

1 RCD 40A, 4p, 0.03A  
1 MCB 16A, 3p, C  
3 MCB's 13A, 1p, C

## with feeder cable

2 m H07RN-F5G4 with CEE-plug 32A, 5p, 400V

## Enclosure size

390 x 225 mm (H x W)

## Part no.

**931237** IP 44



## CEE receptacles

1 CEE 16A, 5p, 400V

## CEE receptacles

## Receptacles SCHUKO®

3 SCHUKO® 16A, 230V

## Fusing

1 RCD 40A, 4p, 0.03A  
1 MCB 16A, 3p, C  
3 MCB's 16A, 1p, C

## Connection

for 2 cables up to 5 x 25 mm<sup>2</sup>

## Enclosure size

390 x 225 mm (H x W)

## Part no.

**930022** IP 67



## CEE receptacles

1 CEE 32A, 5p, 400V  
2 CEE 16A, 4p, 400V

## CEE receptacles

## Receptacles SCHUKO®

3 CEE 16A, 3p, 230V

## Fusing

1 MCB 32A, 3p+N, C  
1 MCB 16A, 3p, C  
1 MCB 16A, 1p+N, C

## Connection

for 2 cables up to 5 x 25 mm<sup>2</sup>

## Enclosure size

520 x 225 mm (H x W)

## Part no.

**940028** IP 67



## CEE receptacles

2 CEE 16A, 5p, 400V switched, with mechanical DUO interlock

## CEE receptacles

## Receptacles SCHUKO®

## Fusing

2 MCB's 16A, 3p, C

## Connection

for 2 cables up to 5 x 25 mm<sup>2</sup>

## Enclosure size

390 x 225 mm (H x W)

## Part no.

**930031** IP 44



## CEE receptacles

2 CEE 32A, 5p, 400V switched, with mechanical DUO interlock  
2 CEE 16A, 5p, 400V

## CEE receptacles

## Receptacles SCHUKO®

## Fusing

1 RCD 63A, 4p, 0.03A  
2 MCB's 32A, 3p, C  
2 MCB's 16A, 3p, C

## Connection

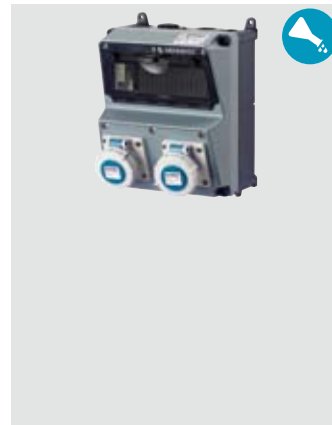
for 2 cables up to 5 x 25 mm<sup>2</sup>

## Enclosure size

650 x 225 mm (H x W)

## Part no.

**900946** IP 67



## CEE receptacles

## CEE receptacles

2 CEE 16A, 5p, 230V

## Receptacles SCHUKO®

## Fusing

1 RCD 25A, 2p, 0.03A

## Connection

for 1 cable up to 3 x 10 mm<sup>2</sup>

## Enclosure size

260 x 225 mm (H x W)

## Part no.

**920821** IP 67



## CEE receptacles

1 CEE 16A, 5p, 400V

## CEE receptacles

## Rec. French/Belg. standard

3 NF 16A, 2p+E, 230V

## Fusing

1 RCD 40A, 4p, 0.03A

## Connection

for 1 cable up to 5 x 10 mm<sup>2</sup>

## Enclosure size

650 x 112.5 mm (H x W)

## Part no.

**960042** IP 44



## EverGUM receptacle combinations with solid rubber enclosures

Wall mounted, enclosure  
380 x 230 mm or  
380 x 320 mm



Receptacle strip, enclosure  
445 x 135 mm



Portable, enclosure  
300 x 230 x 287.5 mm or  
360 x 340 x 330 mm



Portable, with feeder cable, enclosure  
300 x 230 x 287.5 mm or  
360 x 340 x 330 mm



With the EverGUM range MENNEKES provide a solid rubber alternative to enclosures in AMAPLAST, AMELAN® and sheet steel. This is an alternative which is suitable for the most diverse environments, especially when there is likely to be exposure to rough handling or aggressive cleaning agents. These products can also be supplied to conform to the standards of other European countries.

## AirKRAFT® and 3KRAFT®

**AirKRAFT®**  
for energy, data,  
compressed air.  
Also available with feeder cable.  
Enclosure  
400 x 229 x 220 mm  
(size without receptacles)



**3KRAFT®**  
for energy, data,  
compressed air.  
Also available with feeder cable.  
Enclosure  
diam. 240-264 x H 152 mm  
(size without receptacles)



## DELTA-BOX

**DELTA-BOXES**

Enclosure  
114 x 160 x 97 mm  
(size without receptacles)



**DELTA-BOXES with feeder cable.**

Enclosure  
114 x 160 x 97 mm  
(size without receptacles)



### For ceilings, walls and floors.

Three colours: Signal yellow, red or silver.

**AirKRAFT®.** Up to four receptacles, or data, or light, plus compressed air, plus fusing. Ready for connection or with supply cable and plug.

**3KRAFT®.** Equipped to suit your requirements: Up to three receptacles, or data, plus compressed air. Ready for connection or with supply cable and plug.

### DELTA-BOX - the classic unit.

With cable grip. Enclosure and insert from impact and resistant AMAPLAST.

Available in ▲ IP 44, ▲▲ IP 67 and ▲▲▲ IP 68.

## Stainless steel surface and flush mounted receptacle combinations



**Safe.**  
**Practical.**  
**Timelessly elegant.**

- Protection type IP 43 or IP 44 with closed door, even when plugs are inserted.
- The cable guard aperture is sufficiently dimensioned for leading through cables.
- Safety lock protects against unauthorised access.

## Power posts

Rugged. Vandalism-proof.  
Steel power posts provide a safe means of energy supply, protection against car-crossing. Hot-dip galvanised and powder coated. Available in various sizes.



## CombiTOWER®

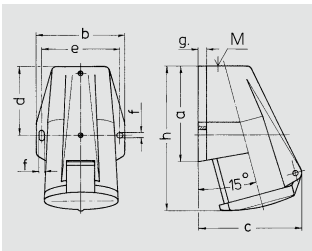
Power. Compressed air. Water.  
Outdoors and indoors.  
The solution: CombiTOWER®. Short routes to your energy source for industry, workshops, assembly shops, loading platforms, etc.



# Drawings and dimensions

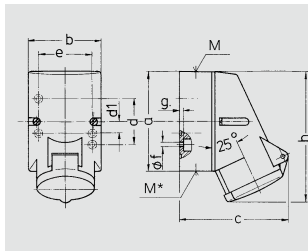
The sizes for the entries on the drawings can be different to the real existing entry sizes.  
Subject to modification and amendments without prior notice. Errors and omissions excepted.

Drawing 1



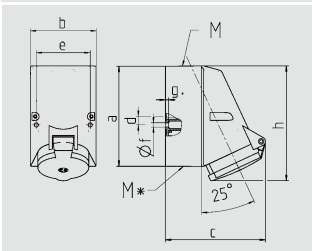
Drawing 1 MB 205	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	91	91	91	102	102	102
	b	73	79	87	89	89	94
	c	86	93	99	108	108	114
	d	55	55	56,4	62	62	62
	e	62	68	76	77,5	77,5	84
	f	5,3	5,3	5,3	5,3	5,3	5,3
	g	8	8	9	10	10	10
	h	132	132	132	153	153	153
	M	20	25	25	25	25	32
Max. cable diam. (mm)		13	18	18	18	18	25
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-10	-10	-10

Drawing 2



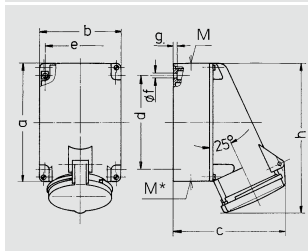
Drawing 1 MB 209	Amp. Poles	16		
		3	4	5
Dim. in mm	a	87	100	100
	b	64	75	75
	c	99	110	113
	d	40	-	-
	d1	-	11	11
	e	50	59	59
	f	4,5	5	5
	g	4	4	4
	h	115	125	128
	M	20	20	20
	M*	M20 (blind) to be cut out		
Max. cable diam. (mm)		15	15	15
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5
		-4	-4	-4

Drawing 3



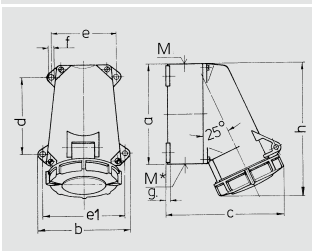
Drawing 1 MB 43	Amp. Poles	16			32		
		4	5	3	4	5	
Dim. in mm	a	128	128	128	128	128	
	b	84	84	84	84	84	
	c	115	124	124	136	138	
	d	11	11	11	11	11	
	e	68	68	68	68	68	
	f	5,3	5,3	5,3	5,3	5,3	
	g	4	4	4	4	4	
	h	144	145	158	158	160	
	M	25	25	32	32	32	
	M*	2x25 (blind) to be cut out		2x25 (blind) to be cut out			
Max. cable diam. (mm)		18	18	18/25	18/25	18/25	
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	2,5	2,5	2,5	
		-4	-4	-10	-10	-10	

Drawing 4



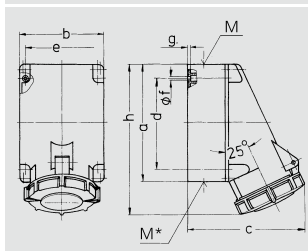
Drawing 1 MB 213	Amp. Poles	63		
		3	4	5
Dim. in mm	a	170	170	170
	b	118	118	118
	c	164	164	164
	d	134,5	134,5	134,5
	e	103	103	103
	f	6,1	6,1	6,1
	g	6	6	6
	h	216	216	216
	M	40	40	40
	M*	2xM40 (blind) to be cut out		
Max. cable diam. (mm)		32	32	32
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		-25	-25	-25

Drawing 5



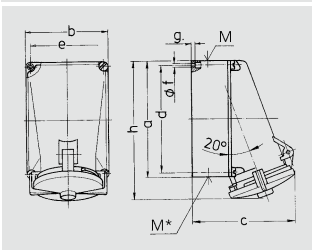
Drawing 1 MB 219	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	95	95	95	120	120	120
	b	102	102	102	112	112	112
	c	115	124	129	143	143	150
	d	64,2	64,2	64,2	90,2	90,2	90,2
	e	77,5	77,5	77,5	79	79	79
	e1	88	88	88	98,5	98,5	98,5
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	5	5	5	5	5	5
	h	128	128	132	160	160	160
	M	20	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 (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-10	-10	-10

Drawing 6



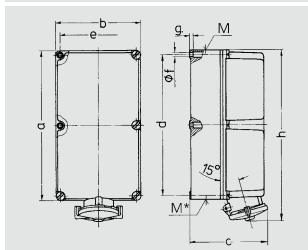
Drawing 1 MB 112	Amp. Poles	63		
		3	4	5
Dim. in mm	a	170	170	170
	b	118	118	118
	c	171	171	171
	d	134,5	134,5	134,5
	e	103	103	103
	f	6,1	6,1	6,1
	g	6	6	6
	h	216	216	216
	M	40	40	40
	M*	2xM40 (blind) to be cut out		
Max. cable diam. (mm)		32	32	32
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		-25	-25	-25

Drawing 7



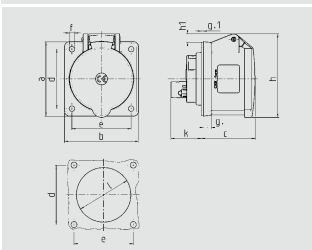
Drawing 1 MB 162	Amp. Poles	125	
		4	5
Dim. in mm	a	264	264
	b	163	163
	c	203	203
	d	240	240
	e	140	140
	f	8,1	8,1
	g	8	8
	h	313	313
	M	50	50
	M*	50	50
Max. cable diam. (mm)		38	38
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		25	25
		-35	-35

Drawing 8



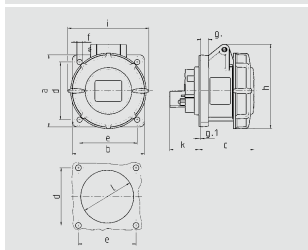
Drawing 1 MB 163	Amp. Poles	125	
		4	5
Dim. in mm	a	460	460
	b	260	260
	c	236	236
	d	434	434
	e	234	234
	f	11	11
	g	9	9
	h	525	525
	M	63	63
	M*	2x63	2x63
Max. cable diam. (mm)		44	44
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		25	25
		-70	-70

Drawing 9



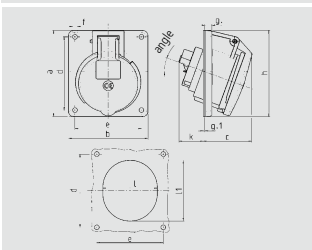
Drawing 1 MB 247	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	75	75	75	75	75	75
	b	75	75	75	75	75	75
	c	53	53	55	64	64	65
	d	60	60	60	60	60	60
	e	60	60	60	60	60	60
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	8	8	8	8	8	8
	g.1	2	2	2	2	2	2
	h	75	80	83	89	89	100
	h1	6	8	8	11	11	12
	k	31	32	32	39	39	39
	l	43	52	54	58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

Drawing 10



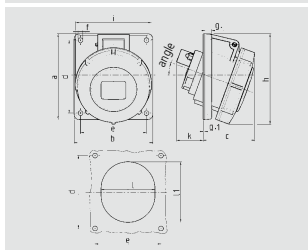
Drawing 1 MB 141	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	75	75	75	85	85	85
	b	75	75	75	75	75	75
	c	60	61	61	70	70	72
	d	60	60	60	60	60	60
	e	60	60	60	60	60	60
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	8	8	8	8	8	8
	g.1	2	2	2	2	2	2
	h	83	88	95	99	99	105
	i	78	85	96	103	103	110
	k	31	32	32	39	39	39
	l	43	52	54	58	58	62
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-10	-10	-10

Drawing 11



Drawing 1 MB 260	Amp. Poles	16			32		
		3	4	5/7	3	4	5/7
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	8	8	8	8	8	8
	g.1	2	2	2	2	2	2
	h	79	100	100	103	103	106
	k	44	34	34/40	54	54	49/55
	l	52	55	65	67	67	72
	ll	60	63	72	82	82	85
	o	20°	20°	20°	20°	20°	20°
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-10	-10	-10

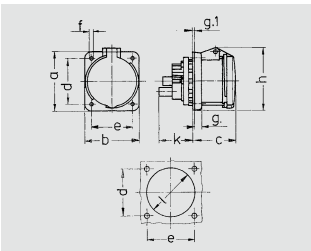
Drawing 12



Drawing 1 MB 251	Amp. Poles	16			32		
		3	4	5/7	3	4	5/7
Dim. in mm	a	73,5	100	100	100	100	100
	b	64	92	92	92	92	92
	c	52	60	62	64	64	66
	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	8	8	8	8	8	8
	g.1	2	2	2	2	2	2
	h	84	100	105	109	109	113
	i	78	85	96	103	103	110
	l	43	52	32/39	53	53	45/54
	l	52	55	65	67	67	72
	ll	60	63	72	82	82	85
	o	20°	20°	20°			

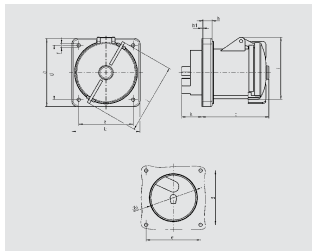


Drawing 13



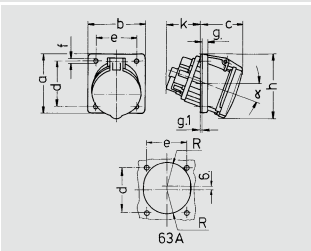
Drawing 1 MB 211	Amp. Poles	63		
		3	4	5
Dim. in mm				
a		107	107	107
b		100	100	100
c		80	80	80
d		85	85	85
e		77	77	77
f		6	6	6
g		12	12	12
g.1		2	2	2
h		113	113	113
k		55	55	55
l		88	88	88
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		6	6	6
		-25	-25	-25

Drawing 14



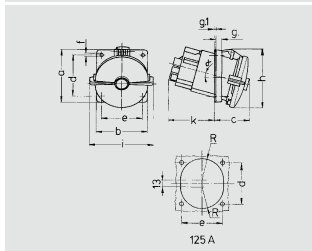
Drawing 1 MB 212 1 MB 258	Amp. Poles	63			125		
		3	4	5	3	4	5
Dim. in mm							
a		107	107	107	130	130	130
b		100	100	100	130	130	130
c		84	84	84	124	124	124
d		85	85	85	104	104	104
e		77	77	77	104	104	104
f		6	6	6	6,5	6,5	6,5
g		12	12	12	18	18	18
g.1		2	2	2	2	2	2
h		113	113	113	122	122	122
i		118	118	118	135	135	135
k		55	55	55	43	43	43
l		88	88	88	95	95	95
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		6	6	6	25	25	25
		-25	-25	-25	-70	-70	-70

Drawing 15



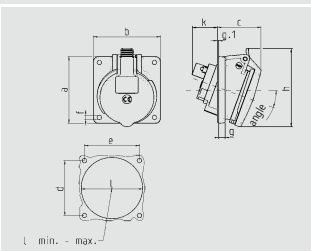
Drawing 1 MB 297	Amp. Poles	63		
		3	4	5
Dim. in mm				
a		110	110	110
b		106	106	106
c		85	85	85
d		85	85	85
e		77	77	77
f		6,2	6,2	6,2
g		12	12	12
g.1		2	2	2
h		122	122	122
k		69	69	69
R		46	46	46
α		20°	20°	20°
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		6	6	6
		-25	-25	-25

Drawing 16



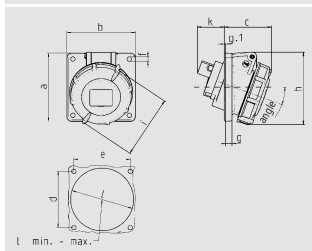
Drawing 1 MB 298 1 MB 339	Amp. Poles	63			125		
		3	4	5	3	4	5
Dim. in mm							
a		110	110	110	114	114	114
b		106	106	106	110	110	110
c		85	85	85	85	85	85
d		85	85	85	90	90	90
e		77	77	77	90	90	90
f		6,2	6,2	6,2	6,2	6,2	6,2
g		12	12	12	13	13	13
g.1		2	2	2	2	2	2
h		125	125	125	135	135	135
i		117	117	117	135	135	135
k		69	69	69	103	103	103
R		46	46	46	47	47	47
α		20°	20°	20°	15°	15°	15°
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		6	6	6	25	25	25
		-25	-25	-25	-70	-70	-70

Drawing 17



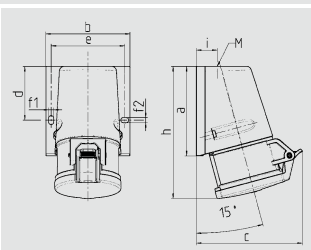
Drawing 1 MB 433	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm							
a		85	85	85	85	85	85
b		85	85	85	85	85	85
c		53	57	57	60	60	67
d		70	70	70	70	70	70
e		70	70	70	70	70	70
f		5,5	5,5	5,5	5,5	5,5	5,5
g		8	8	8	8	8	8
g.1		2	2	2	2	2	2
h		89	96	101	103	103	110
k		39	34	33	53	53	41
l min.		57	64	70	78	78	78
l max.		78	78	78	78	78	78
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-10	-10	-10

Drawing 18



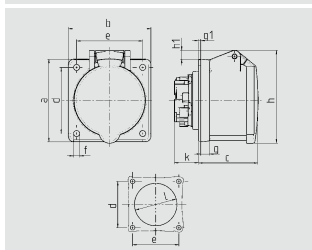
Drawing 1 MB 432	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm							
a		85	85	85	85	85	85
b		85	85	85	85	85	85
c		57	59	60	68	68	72
d		70	70	70	70	70	70
e		70	70	70	70	70	70
f		5,5	5,5	5,5	5,5	5,5	5,5
g		8	8	8	8	8	8
g.1		2	2	2	2	2	2
h		87	91	99	105	105	110
i		78	85	96	103	103	110
k		39	34	33	53	53	41
l min.		57	64	70	78	78	78
l max.		78	78	78	78	78	78
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-10	-10	-10

Drawing 19



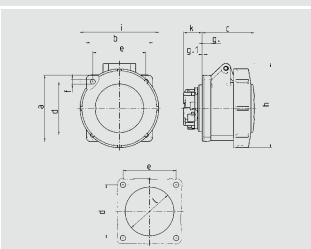
Drawing 1 MB 463	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm							
a		95	93	92,5	102	102	102
b		73,5	87,5	87,5	94	94	94
c		93	107,5	110	115,5	115,5	119,5
d		55,5	55,5	55,5	62	62	62
e		61	76	76	84	84	84
f1		5,3	5,3	5,3	5,1	5,1	5,1
f2		5,3	5,3	5,3	5,1	5,1	5,1
h		139	139	136,5	160	160	156,5
i		19,8	21,5	21,5	26,5	26,5	26,5
M		M20x	M25x	M25x	M25x	M32x	M32x
		1,5	1,5	1,5	1,5	1,5	1,5
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-6	-6	-6

Drawing 20



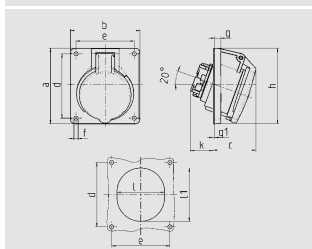
Drawing 1 MB 464	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm							
a		75	75	75	75	75	75
b		75	75	75	75	75	75
c		53	53	54	64	64	64
d		60	60	60	60	60	60
e		60	60	60	60	60	60
f		5,5	5,5	5,5	5,5	5,5	5,5
g		8	8	8	8	8	8
g.1		2	2	2	2	2	2
h		75	80	85	89	89	95
h1		6	9	10	10	10	12
k		22	22	22	28	28	38
l		43	52	57	60	60	65
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-6	-6	-6

Drawing 21



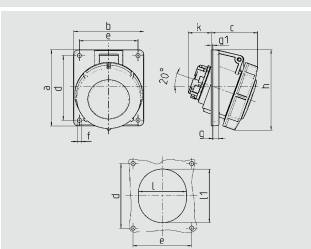
Drawing 1 MB 467	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm							
a		75	75	75	85	85	85
b		75	75	75	75	75	75
c		60	61	61	69	69	72
d		60	60	60	60	60	60
e		60	60	60	60	60	60
f		5,5	5,5	5,5	5,5	5,5	5,5
g		8	8	8	8	8	8
g.1		2	2	2	2	2	2
h		83	88	95	99	99	105
i		78	85	96	103	103	110
k		21	21	21	28	28	38
l		43	52	54	60	60	65
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-6	-6	-6

Drawing 22



Drawing 1 MB 465	Amp. Poles	16			32		
		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	61	61	60
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	105
k		31	31	31	44	44	54
l		52	55	65	70	70	73
l1		60	63	72	82	82	85
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-6	-6	-6

Drawing 23

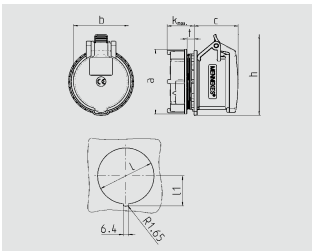


Drawing 1 MB 4
-------------------

# Drawings and dimensions

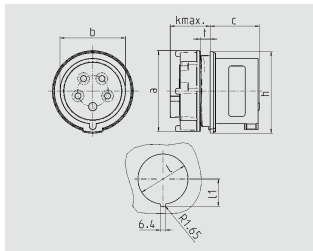
The sizes for the entries on the drawings can be different to the real existing entry sizes.  
Subject to modification and amendments without prior notice. Errors and omissions excepted.

Drawing 25



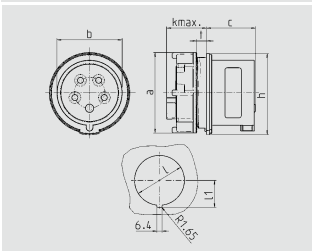
Drawing	Amp. Poles	16			32		
		4	5	3	4	5	
1 MB 468							
Dim. in mm	a	81	81	81	81	81	
	b	66	69	71	71	80	
	c	58	55	66	66	64	
	k	max. 33 max. 33		max. 33 max. 33		max. 33	
	h	100	102	101	101	108	
	l	70	70	70	70	70	
	l1	37.75	37.75	37.75	37.75	37.75	
	t	2-9	2-9	2-9	2-9	2-9	
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1.5	1.5	2.5	2.5	2.5	
		-4	-4	-6	-6	-6	

Drawing 26



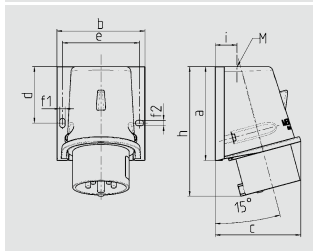
Drawing	Amp. Poles	16		
		3	4	5
2 MB 215				
Dim. in mm	a	69	69	69
	b	44	50	56
	c	45	43	42
	k max.	30	30	30
	h	70	70	70
	l	61	61	61
	l1	33,25	33,25	33,25
	t	wall thicknesses 2-9mm		
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	
		-4	-4	

Drawing 27



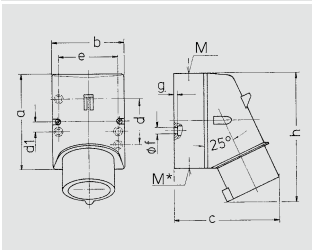
Drawing	Amp. Poles	16			32		
		4	5	3	4	5	
2 MB 215							
Dim. in mm	a	78	78	78	78	78	
	b	50	56	58	58	64	
	c	45	44	51	51	51	
	k max.	33	33	33	33	33	
	h	82	82	82	82	82	
	l	70	70	70	70	70	
	l1	37,75	37,75	37,75	37,75	37,75	
	t	wall thicknesses 2-9mm					
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	2,5	2,5	2,5	
		-4	-4	-10	-10	-10	

Drawing 28



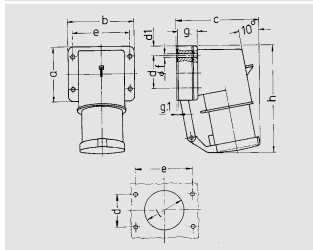
Drawing	Amp. Poles	16			32		
		4	5	3	4	5	
2 MB 221							
Dim. in mm	a	92.5	92.5	102	102	102	
	b	87	87	94	94	94	
	c	84.5	84.5	94	94	94	
	d	55.5	55.5	62	62	62	
	e	76	76	84	84	84	
	f1	5.3	5.3	5.3	5.3	5.3	
	f2	5.3	5.3	5.3	5.3	5.3	
	h	128	128	146	146	146	
	i	21.5	21.5	26	26	26	
	M	25x1.5	25x1.5	25x1.5	25x1.5	32x1.5	

Drawing 29



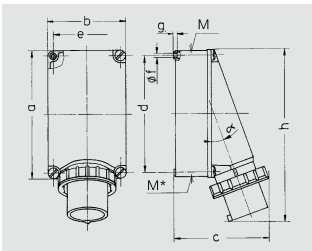
Drawing	Amp. Poles	16			32		
		3	4	5	3	4	5
2 MB 32							
Dim. in mm	a	87	100	100	128	128	128
	b	64	75	75	84	84	84
	c	93	106	110	133	133	135
	d1	40	—	—	—	—	—
	d	10.5	10.5	11	11	11	11
	e	50.5	59	59	68	68	68
	f	4.5	5	5	5.3	5.3	5.3
	g	4	4	4	4	4	4
	h	122	133	135	169	169	170
	M	20	20	20	25	25	25
	M*	1x20 (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 (mm <sup>2</sup> ) min.-max.		-2,5	-2,5	-2,5	-6	-6	-6

Drawing 30



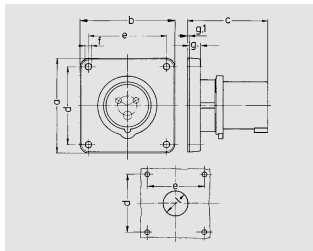
Drawing	Amp. Poles	16			32		
		4	5	3	4	5	
2 MB 43							
Dim. in mm	a	85	85	75	75	75	
	b	85	85	90	90	90	
	c	104	106	115	115	117	
	d	64	64	45	45	45	
	d1	10	10	13	13	13	
	e	64	64	78	78	78	
	f	5.5	5.5	5.5	5.5	5.5	
	g	27	27	27	27	27	
	h	2	2	1	1	1	
	g1	140	140	150	150	150	
	l	50	50	55	55	55	
	t	1	1	2.5	2.5	2.5	
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		-2,5	-2,5	-6	-6	-6	

Drawing 31



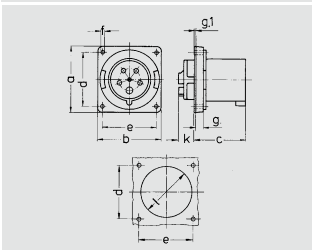
Drawing	Amp. Poles	63			125		
		3	4	5	4	5	
2 MB 36							
Dim. in mm	a	170	170	170	264	264	
	b	118	118	118	163	163	
	c	171	171	171	205	205	
	d	136	136	136	240	240	
	e	104	104	104	140	140	
	f	6,1	6,1	6,1	8,1	8,1	
	g	6	6	6	8	8	
	h	250	250	250	355	355	
	M	40	40	40	50	50	
	M*	2x40	2x40	2x40	50	50	
	α	25°	25°	25°	20°	20°	
Max. cable diam. (mm)		32	32	32	38	38	
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		4	4	4	16	16	
		-10	-10	-10	-35	-35	

Drawing 32



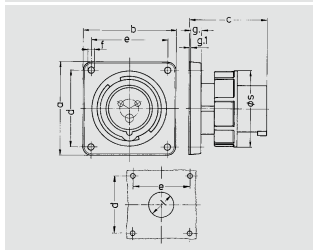
Drawing	Amp. Poles	16			32		
		3	4	5	3	4	5
2 MB 173/2							
Dim. in mm	a	85,7	85,7	85,7	85,7	85,7	
	b	85,7	85,7	85,7	85,7	85,7	
	c	72	72	72	90	90	
	d	69,5	69,5	69,5	69,5	69,5	
	e	69,5	69,5	69,5	69,5	69,5	
	f	5,5	5,5	5,5	5,5	5,5	
	g	11	11	11	11	11	
	g1	2	2	2	2	2	
	l	32	36	36	47	47	
	s	71	79	89	94	94	
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	
		-4	-4	-4	-10	-10	

Drawing 33



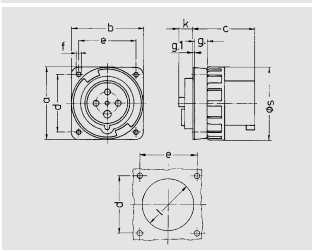
Drawing	Amp. Poles	63		
		3	4	5
2 MB 155				
Dim. in mm	a	110	110	110
	b	106	106	106
	c	86	86	86
	d	90	90	90
	e	90	90	90
	f	5,5	5,5	5,5
	g	12	12	12
	g1	2	2	2
	k	28	28	28
	l	86	86	86
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		6	6	6
		-16	-16	-16

Drawing 34



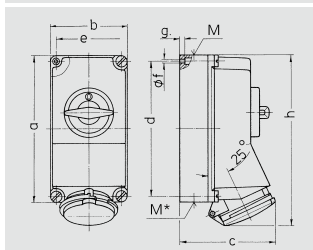
Drawing	Amp. Poles	16			32		
		3	4	5	3	4	5
2 MB 187/2							
Dim. in mm	a	85,7	85,7	85,7	85,7	85,7	
	b	85,7	85,7	85,7	85,7	85,7	
	c	72	72	72	90	90	
	d	69,5	69,5	69,5	69,5	69,5	
	e	69,5	69,5	69,5	69,5	69,5	
	f	5,5	5,5	5,5	5,5	5,5	
	g	11	11	11	11	11	
	g1	2	2	2	2	2	
	l	32	36	47	47	47	
	s	71	79	89	94	94	
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	
		-4	-4	-4	-10	-10	

Drawing 35



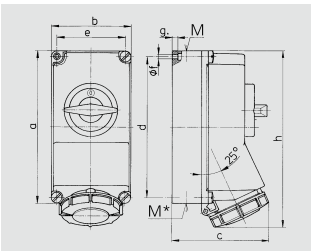
Drawing	Amp. Poles	63			125		
		3	4	5	3	4	5
2 MB 166							
Dim. in mm	a	110	110	110	130	130	
	b	106	106	106	130	130	
	c	86	86	86	112	112	
	d	90	90	90	104	104	
	e	90	90	90	104	104	
	f	5,5	5,5	5,5	6,5	6,5	
	g	12	12	12	18	18	
	g1	2	2	2	2	2	
	k	28	28	28	28	28	
	l	73	73	73	95	95	
	s	113	113	113	132	132	
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		6	6	6	25	25	
		-16	-16	-16	-70	-70	

Drawing 36



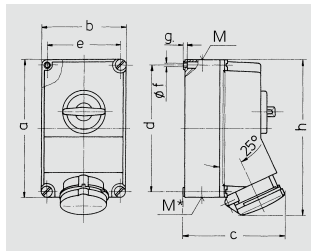
Drawing	Amp. Poles	16			32		
		3	4	5	3	4	5
1 MB 174							
Dim. in mm	a	225	225	225	225	225	
	b	118	118	118	118	118	
	c	141	141	141	146	146	
	d	208	208	208	208	208	
	e	101	101	101	101	101	
	f	6,3	6,3	6,3	6,3	6,3	
	g	8	8	8	8	8	
	h	250	252	254	264	264	
	M	1x25 and 1x32			1x25 and 1x32		
	M*	2x25	2x25	2x25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

Drawing 37



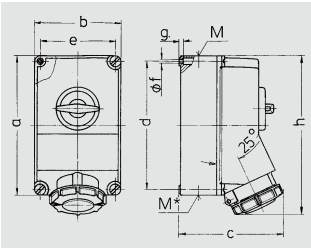
Drawing 1 MB 207	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	225	225	225	225	225	225
	b	118	118	118	118	118	118
	c	144	146	147	152	152	153
	d	208	208	208	208	208	208
	e	101	101	101	101	101	101
	f	6,3	6,3	6,3	6,3	6,3	6,3
	g	8	8	8	8	8	8
	h	252	255	259	268	268	274
	M	1xM25 and 1xM32			1xM25 and 1xM32		
	M*	2x25			2x25		
Max. cable diam. (mm)		25	25	25	25	25	25
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5

Drawing 38



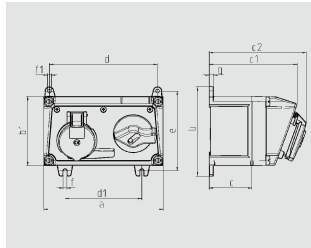
Drawing 1 MB 234	Amp. Poles	63		
		3	4	5
Dim. in mm	a	264	264	264
	b	163	163	163
	c	192	192	192
	d	240	240	240
	e	140	140	140
	f	8,1	8,1	8,1
	g	8	8	8
	h	300	300	300
	M	40	40	40
	M*	2x40	2x40	2x40
Max. cable diam. (mm)		27	27	27
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		6	6	6

Drawing 39



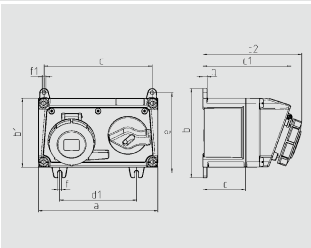
Drawing 1 MB 180	Amp. Poles	63		
		3	4	5
Dim. in mm	a	264	264	264
	b	163	163	163
	c	196	196	196
	d	240	240	240
	e	140	140	140
	f	8,1	8,1	8,1
	g	8	8	8
	h	300	300	300
	M	40	40	40
	M*	40	40	40
Max. cable diam. (mm)		32	32	32
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		6	6	6

Drawing 40



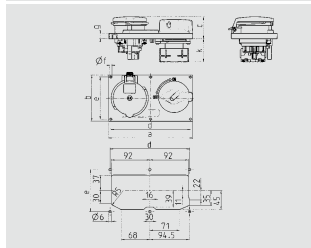
Drawing 1 MB 550	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	225	225	225	225	225	225
	b	168	168	168	168	168	168
	b1	130	130	130	130	130	130
	c	80	80	80	80	80	80
	c1	166	166	166	166	166	166
	c2	182	183	183	193	193	193
	d	204	204	204	204	204	204
	d1	145	145	145	145	145	145
	e	150	150	150	150	150	150
	f	7	7	7	7	7	7
	f1	Ø7	Ø7	Ø7	Ø7	Ø7	Ø7
	g	8	8	8	8	8	8

Drawing 41



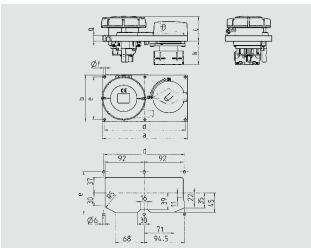
Drawing 1 MB 551	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	225	225	225	225	225	225
	b	168	168	168	168	168	168
	b1	130	130	130	130	130	130
	c	80	80	80	80	80	80
	c1	166	166	166	166	166	166
	c2	182	185	186	197	197	198
	d	204	204	204	204	204	204
	d1	145	145	145	145	145	145
	e	150	150	150	150	150	150
	f	7	7	7	7	7	7
	f1	Ø7	Ø7	Ø7	Ø7	Ø7	Ø7
	g	8	8	8	8	8	8

Drawing 42



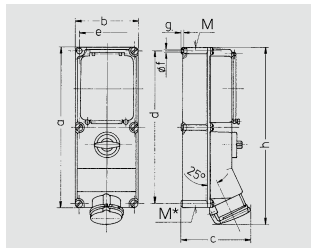
Drawing 5 MB 59	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	200	200	200	200	200	200
	b	110	110	110	110	110	110
	c	46	49	46	56	56	53
	d	190	190	190	190	190	190
	e	100	100	100	100	100	100
	f	5	5	5	5	5	5
	g	13	13	13	13	13	13
	k max.	56	56	56	56	56	56

Drawing 43



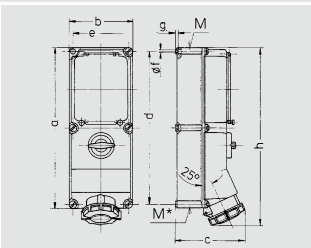
Drawing 5 MB 57	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	200	200	200	200	200	200
	b	110	110	110	110	110	110
	c	47	50	51	59	59	60
	d	190	190	190	190	190	190
	e	100	100	100	100	100	100
	f	5	5	5	5	5	5
	g	13	13	13	13	13	13
	k max.	56	56	56	56	56	56

Drawing 44



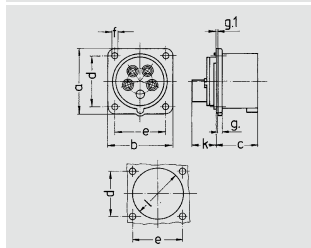
Drawing 1 MB 208	Amp. Poles	16			32			63		
		3	4	5	4	5	4	5		
Dim. in mm	a	364	364	364	364	364	460	460		
	b	134	134	134	134	134	180	180		
	c	160	162	163	168	168	195	195		
	d	347	347	347	347	347	440	440		
	e	117	117	117	117	117	160	160		
	f	6,3	6,3	6,3	6,3	6,3	8,1	8,1		
	g	8	8	8	8	8	8	8		
	h	391	395	398	408	411	502	502		
	M	32/40	32/40	32/40	32/40	32/40	40	40		
	M*	2x32	2x32	2x32	2x32	2x32	2x40	2x40		
Max. cable diam. (mm)		27	27	27	27	27	27	27		
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	6	6		

Drawing 45



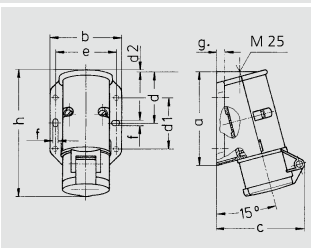
Drawing 1 MB 181	Amp. Poles	16			32		63	
		3	4	5	4	5	4	5
Dim. in mm	a	364	364	364	364	364	460	460
	b	134	134	134	134	134	180	180
	c	160	162	163	168	168	209	209
	d	347	347	347	347	347	440	440
	e	117	117	117	117	117	160	160
	f	6,3	6,3	6,3	6,3	6,3	8,1	8,1
	g	8	8	8	8	8	8	8
	h	391	395	398	408	411	525	525
	M	32/40	32/40	32/40	32/40	32/40	40	40
	M*	2x32	2x32	2x32	2x32	2x32	2x40	2x40
Max. cable diam. (mm)		27	27	27	27	27	27	27
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	6	6

Drawing 46



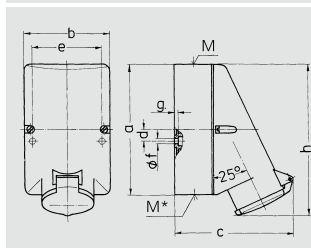
Drawing 2 MB 68/853	Amp. Poles	16		
		5		
Dim. in mm	a	75		
	b	75		
	c	42		
	d	60		
	e	60		
	f	5,5		
	g	7,3		
	g.1	2		
	k	13		
	l	52		
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1		

Drawing 47



Drawing 1 MB 294	Amp. Poles	16		32	
		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 (mm <sup>2</sup> ) min.-max.		4	4	4	4

Drawing 48



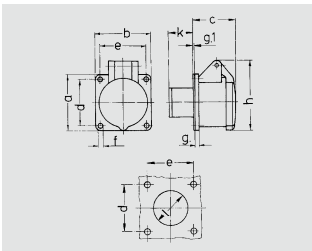
Drawing 1 MB 137	Amp. Poles	16		32	
		2	3	2	3
Dim. in mm	a	128	128	128	128
	b	84	84	84	84
	c	120	120	120	120
	d	11	11	11	11
	e	68	68	68	68
	f	5,3	5,3	5,3	5,3
	g	4	4	4	4
	h	146	146	146	146
	M	25	25	32	32
	M*	2x25 (blind) to be cut out		2x25 (blind) to be cut out	
Max. cable diam. (mm)		18	18	25	25
Terminal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



# Drawings and dimensions

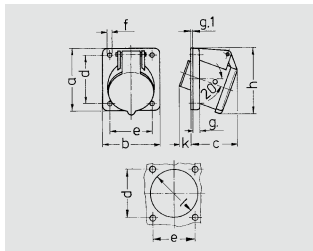
The sizes for the entries on the drawings can be different to the real existing entry sizes.  
Subject to modification and amendments without prior notice. Errors and omissions excepted.

Drawing 49



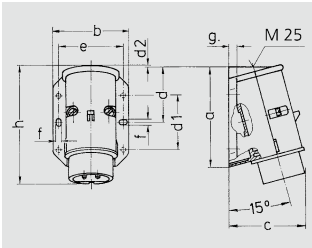
Drawing	Amp. Poles	16		32	
		2	3	2	3
1 MB 136					
Dim. in mm	a	55	55	55	55
	b	55	55	55	55
	c	44	44	44	44
	d	45	45	45	45
	e	45	45	45	45
	f	4,2	4,2	4,2	4,2
	g	8	8	8	8
	g.1	2	2	2	2
	h	67	67	67	67
	k	22	22	22	22
	l	34	34	34	34
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		4	4	4	4
		-10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

Drawing 50



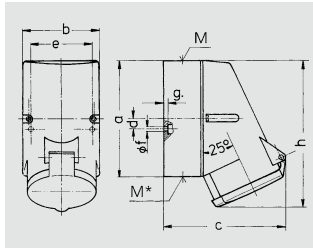
Drawing	Amp. Poles	16		32	
		2	3	2	3
1 MB 231					
Dim. in mm	a	68	68	68	68
	b	62	62	62	62
	c	42	42	42	42
	d	53	53	53	53
	e	47	47	47	47
	f	4,5	4,5	4,5	4,5
	g	8	8	8	8
	g.1	2	2	2	2
	h	72	72	72	72
	k	32	32	32	32
	l	55	55	55	55
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		4	4	4	4
		-10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

Drawing 51



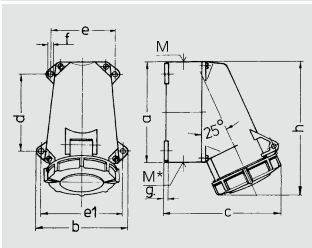
Drawing	Amp. Poles	16		32	
		2	3	2	3
2 MB 160					
Dim. in mm	a	96	96	96	96
	b	73	73	73	73
	c	74	74	74	74
	d	53	53	53	53
	d1	52	52	52	52
	d2	2	2	2	2
	e	62	62	62	62
	f	5,3	5,3	5,3	5,3
	g	8	8	8	8
	h	116	116	116	116
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		4	4	4	4
		-10	-10	-10	-10

Drawing 52



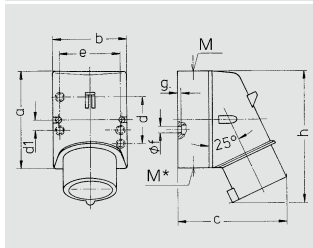
Drawing	Amp. Poles	16		32	
		7	7	7	7
1 MB 257					
Dim. in mm	a		128		128
	b		84		84
	c		124		138
	d		11		11
	e		68		68
	f		5,3		5,3
	g		4		4
	h		145		160
	M		25		32
	M*		(blind) to be cut out 2x25		(blind) to be cut out 2x25
Max. cable diam. (mm)			18		25
Terminal for cond. cross section (mm <sup>2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

Drawing 53



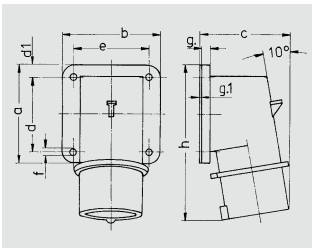
Drawing	Amp. Poles	16		32	
		7	7	7	7
1 MB 406					
Dim. in mm	a	95	120		
	b	102	112		
	c	129	150		
	d	64,2	90,2		
	e	77,5	79		
	e1	88	98,5		
	f	5,5	5,5		
	g	5	5		
	h	132	160		
	M	25	32		
	M*	M25 (blind) to be cut out	M32 (blind) to be cut out		
Max. cable diam. (mm)		18	25		
Terminal for cond. cross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

Drawing 54



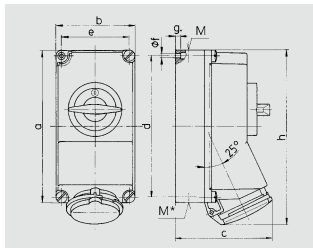
Drawing	Amp. Poles	16		32	
		7	7	7	7
2 MB 147					
Dim. in mm	a	100	128		
	b	75	84		
	c	110	135		
	d				
	d1	10,5	11		
	e	59	68		
	f	5	5,3		
	g	4	4		
	h	135	170		
	M	20	32		
	M*	20 (blind) to be cut out	2x25 (blind) to be cut out		
Max. cable diam. (mm)		15	18		
Terminal for cond. cross section (mm 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

Drawing 55



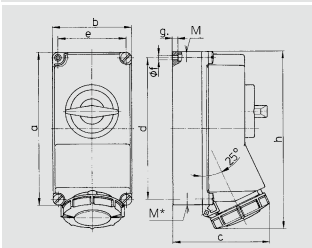
Drawing	Amp. Poles	16		32	
		7	7	7	7
2 MB 71					
Dim. in mm	a	85	75		
	b	85	90		
	c	79	90		
	d	64	45		
	d1	10	13		
	e	64	78		
	f	5,5	5,5		
	g	6	6		
	g.1	2	2		
	h	129	138		
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1	2,5		
		-2,5	-6		

Drawing 56



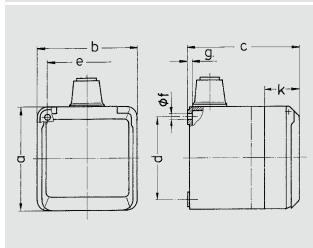
Drawing	Amp. Poles	16		32	
		7	7	7	7
1 MB 383					
Dim. in mm	a	225	225		
	b	118	118		
	c	141	146		
	d	208	208		
	e	101	101		
	f	6,3	6,3		
	g	8	8		
	h	254	264		
	M	1x32 and 1x25	1x32 and 1x25		
	M*	2x25	2x25		
Max. cable diam. (mm)		25	25		
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.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

Drawing 57



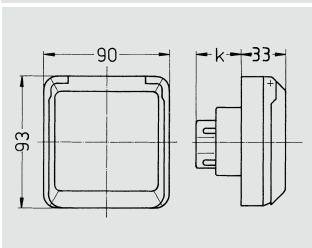
Drawing	Amp. Poles	16		32	
		7	7	7	7
1 MB 382					
Dim. in mm	a	225	225		
	b	118	118		
	c	147	153		
	d	208	208		
	e	101	101		
	f	6,3	6,3		
	g	8	8		
	h	259	274		
	M	1x25 and 1x32	1x25 and 1x32		
	M*	2x25	2x25		
Max. cable diam. (mm)		1,5	2,5		
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.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

Drawing 58



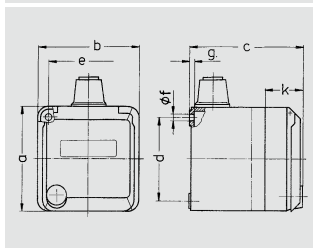
Drawing	Amp. Poles	16			32		
		3	4	5	3	4	5
1 MB 312							
Dim. in mm	a	93	93	93	93	93	93
	b	90	90	90	90	90	90
	c	87	87	87	99	99	99
	d	75	75	75	75	75	75
	e	73	73	73	73	73	73
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	4,2	4,2	4,2	4,2	4,2	4,2
	k	33	33	33	33	33	33
Max. cable diam. (mm)		18	18	18	18	18	18
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-6	-6	-6

Drawing 59



Drawing	Amp. Poles	16			32		
		3	4	5	3	4	5
1 MB 315							
Dim. in mm	k	32	32	32	48	48	48
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-6	-6	-6

Drawing 60



Drawing	Amp. Poles	16			32		
		3	4	5	3	4	5
1 MB 317							
Dim. in mm	a	93	93	93	93	93	93
	b	90	90	90	90	90	90
	c	88	88	88	100	100	100
	d	75	75	75	75	75	75
	e	73	73	73	73	73	73
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	4,2	4,2	4,2	4,2	4,2	4,2
	k	34	34	34	34	34	34
Max. cable diam. (mm)		18	18	18	18	18	18
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-6	-6	-6



# Index of part numbers

Part no.	page	Part no.	page	Part no.	page	Part no.	page	Part no.	page	Part no.	page	Part no.	page	Part no.	page	Part no.	page
1	4	257	6	524	7	816	6	1195	4	1491	4	1848	9	3385	5	4165	11
2	4	259	6	525	7	817	6	1196	4	1492	4	1850	9	3413	6	4167	11
3	6	260	6	526	7	819	6	1198	4	1493	4	1851	5	3424	6	4168	11
4	6	261	6	530	7	821	6	1199	4	1494	4	1852	5	3449	4	4170	11
5	7	262	6	531	7	822	6	1200	4	1495	4	1855	5	3451	4	4171	11
6	7	263	6	539	7	825	6	1201	4	1496	4	1856	5	3454	4	4172	11
13A	6	264	6	540	7	826	6	1202	4	1498	4	1860	5	3473	5	4173	11
14A	6	268	6	541	7	827	6	1203	4	1499	4	1861	5	3485	5	4175	11
15A	7	269	6	542	7	829	6	1204	4	1500	4	1867	5	3517	9	4177	11
16A	7	277	6	543	7	830	6	1205	4	1501	4	1868	5	3523	9	4178	11
31	5	278	6	544	7	831	6	1206	4	1502	4	1870	5	3524	4	4180	11
32	5	279	6	548	7	832	6	1208	4	1503	4	1871	5	3575	4	4233	11
33	6	280	6	549	7	834	6	1209	4	1504	4	1875	5	3583	6	4237	11
34	6	281	6	550	7	835	6	1210	4	1505	4	1876	5	3646	6	4238	11
35	7	282	6	551	7	836	6	1211	4	1506	4	1877	5	3656	6	4247	11
36	7	286	6	552	7	837	6	1216	6	1551	4	1878	5	3658	6	4254	11
100	4	287	6	553	7	838	6	1217	6	1555	4	1879	5	3665	6	4262	11
101	4	288	6	554	7	839	6	1246A	4	1556	4	1880	5	3704	6	4263	11
102	4	289	6	555	7	840	6	1247A	4	1557	4	1884	5	3717	9	4273	11
103	4	290	6	556	7	843	6	1248A	4	1631	5	1885	5	3776	10	4274	11
104	4	291	6	560	7	844	6	1250A	4	1632	5	1955	9	3777	10	4275	11
105	4	292	6	561	7	854	9	1251A	4	1633	5	1961	9	3783	10	4970	11
109	4	293	6	562	7	856	4	1252A	4	1636	5	1962	9	3784	10	4971	11
110	4	294	6	577	9	859	9	1260A	4	1637	5	1965	9	3794	6	4972	11
111	4	298	6	578	9	891	6	1261A	4	1638	5	1967	9	3796	6	4973	11
121	7	299	6	584	9	903	4	1262A	4	1642	5	1968	9	3799	6	4974	11
122	7	300	6	585	9	905	4	1263A	4	1643	5	1974	9	3807	6	4976	11
125	7	315	6	586	9	907	5	1264A	4	1667	5	1975	9	3809	6	4977	11
126	7	318	9	590	9	919	6	1265A	4	1668	5	1978	9	3811	6	4979	11
128A	4	319	9	591	9	924	6	1267	4	1669	5	1980	9	3819	6	4980	11
129A	4	321	9	597	9	931	6	1268	4	1672	5	1981	6	3821	6	5099A	8
130A	4	322	9	598	9	932	6	1270	9	1673	5	1982	6	3823	6	5100A	8
131A	4	325	9	599	9	933	6	1271	9	1674	5	1983	6	3829	6	5102A	8
132A	4	327	9	603	9	935	6	1272	9	1678	5	1984	6	3830	6	5103A	8
134A	4	328	9	604	9	938	6	1273	9	1679	5	2162	4	3832	6	5104A	8
135A	4	331	6	610	9	939	6	1340	5	1688	6	2166	10	3839	6	5105A	8
136A	4	332	6	611	9	942	6	1341	5	1700	5	2167	10	3841	6	5107A	8
137	4	333	6	612	9	945	6	1342	5	1701	5	2179A	4	3844	6	5108A	8
138	4	334	6	616	9	947	6	1343	5	1702	5	2180A	4	3851	6	5109A	8
139	4	335	6	617	9	948	6	1345	5	1703	5	2181A	4	3853	6	5110A	8
141	4	336	6	623	9	949	6	1346	5	1704	5	2212	10	3855	6	5112A	8
142	4	338	9	624	9	951	6	1347	5	1707	5	2213	10	3859	7	5113A	8
143	4	339	9	625	9	952	6	1348	5	1708	5	2255	10	3860	7	5457A	8
147A	6	340	6	629A	9	972	6	1365	4	1709	5	2296	10	3862	7	5459A	8
148A	6	341	6	630A	9	979	7	1366	4	1710	5	2317	10	3869	7	5460A	8
149A	6	342	6	636A	9	980	7	1367	4	1711	5	2324	10	3871	7	5462A	8
151A	6	343	6	637A	9	987	5	1368	4	1712	5	2405	10	3873	7	5536	10
152A	6	344	6	638A	9	988	5	1369	4	1716	5	2406	10	3879	7	5599A	8
159	6	345	6	642A	9	989	5	1371	4	1717	5	2459	10	3881	7	5600A	8
160	6	346	6	643A	9	993	7	1372	4	1719	5	2460	10	3883	7	5602A	8
163	6	347	6	649A	9	994	7	1373	4	1720	5	2478	9	3887	7	5603A	8
164	6	348	6	650A	9	997	5	1384	4	1721	5	2511	9	3888	7	5604A	8
179A	7	352	6	651A	9	998	5	1385	4	1723	5	2648	10	3891	7	5605A	8
180A	7	353	6	681A	9	1035	10	1386	4	1724	5	2746	10	3896	7	5607A	8
181A	7	354	6	682A	9	1040	10	1388	4	1730	5	2782	10	3897	7	5608A	8
193A	7	355	6	688A	9	1045	10	1389	4	1733	5	2818	10	3899	7	5610A	8
194A	7	356	6	689A	9	1050	10	1390	4	1734	5	2845	9	3905	7	5613A	8
200	5	357	6	690A	9	1055	10	1394	4	1735	5	2852	9	3907	7	5615A	8
203A	4	359	6	694A	9	1060	10	1395	4	1738	5	2855	9	3909	7	5618A	8
204A	4	360	6	695A	9	1065	10	1396	4	1739	5	2860	9	3913	10	5630A	8
205A	4	361	6	701A	9	1070	10	1397	4	1740	5	2864	9	3916	10	5633A	8
207A	4	362	6	702A	9	1075	10	1398	4	1744	5	2870	9	3980	6	5635A	8
208A	4	363	6	703A	9	1080	10	1399	4	1745	5	2883	10	3981	6	5638A	8
209A	4	364	6	711	6	1081	4	1410	6	1746	5	3030	4	3987	6	5640A	8
210A	4	366	6	712	6	1103	4	1411	6	1750	5	3031	4	4101	11	5643A	8
211A	4	367	6	717	6	1107	6	1418	4	1751	5	3034	4	4102	11	5691A	8
212A	4	368	6	719	6	1122A	4	1419	4	1755	5	3036	4	4103	11	5692A	8
214A	4	392	6	725	7	1123A	4	1420	4	1756	5	3041	4	4105	11	5696A	8
215A	4	393	6	731	7	1124A	4	1421	4	1786	5	3045	4	4106	11	5743A	8
216A	4	394	6	733	10	1126A	4	1422	4	1787	5	3072	4	4107	11	5785	10
217	4	396	9	734	10	1127A	4	1423	4	1788	5	3093	4	4108	11	5793A	8
218	4	397	9	735	10	1128A	4	1424	4	1789	5	3110	4	4110	11	5887A	8
219	4	398	6	736	10	1131	5	1425	4	1790	5	3112	4	4111	11	5888A	8
220	4	399	6	737	10	1132	5	1438	7	1791	5	3136	4	4112	11	5911A	8
221	4	400	6	738	10	1133	5	1455	4	1795	5	3153	4	4113	11	5924A	8
222	4	401	6	739	10	1135	5	1456	4	1796	5	3197	4	4115	11	5925A	8
226	4	402	6	740	10	1136A	4	1457	4	1797	5	3200	4	4116	11	5955A	8
227	4	403	6	741	10	1137A	4	1459	4	1801	5	3240	10	4117	11	5956A	8
228	4	404	6	742	10	1138A	4	1460	4	1802	5	3254	4	4118	11	5959A	8
229	4	405	6	743	10	1139A	4	1461	4	1803	5	3262	10	4120	11	6059A	8
230	4	406	6	744	10	1140A	4	1462	4	1804	5	3266	6	4122	11	6062A	8
231	4	410	6	745	10	1141A	4	1463	4	1805	5	3306	6	4125	11	6106	10
232	4	411	6	746	10	1143A	4	1464	4	1808	5	3312	6	4127	11	6569	8
233	4	412	6	747	10	1144A	4	1465	4	1809	5	3319A	9	4130	11	6571	8
234	4	418	5	748	10	1145A	4	1466	4	1810	5	3322	9	4132	11	7000	8
238	4	419	5	749	10	1146A	4	1467	4	1811	5	3331	5	4133	11	7002A	8
239	4	420	5	750	10	1147A	4	1471	4	1812	5	3338	9	4135	11	7010A	8
240	4	421	5	751	10	1148A	4	1472	4	181							





BMW motorcycle plant, Berlin – Germany



AIDA Bella, Jos. L. Meyer Werft, Papenburg – Germany



Formula 1 circuit, Manama – Bahrain



Constitution, Heerema Marine Contractors – Netherland



Port of Salalah – Oman



Container Terminal, Le Havre – France

**Made in Germany**



**MENNEKES®**

**Plugs for the world**

MENNEKES  
Elektrotechnik GmbH & Co. KG  
Industrial plugs and sockets

Aloys-Mennekes-Str. 1  
D-57399 Kirchhundem / Germany

Tel. + 49 (0) 27 23 / 41-1  
Fax + 49 (0) 27 23 / 41-2 14  
E-Mail info@MENNEKES.de  
Internet www.MENNEKES.de

Refer to our brochures and catalogues to keep up to date.  
Download the latest versions from our website in practical  
PDF format or request print copies by phone or E-Mail.



**AMAXX® Evolution.**  
Receptacle combinations for  
energy, Industrial Ethernet and  
Automation.



**PowerTOP® Xtra.**  
Plugs and connectors for  
toughest conditions.



**Screwless connections.**  
For CEE plugs, connectors and  
receptacles.



**MENNEKES catalogue.**



**Distributors.**  
**For ceiling, wall and floor.**  
For energy, data, compressed air  
and light.



**Plugs and sockets for reefer  
containers.**  
On ships and at terminals.



**Event and entertainment  
technology.**  
Plugs and receptacles for stage,  
TV, radio and open air events.

For further information please visit our homepage:

**www.MENNEKES.de**

Request brochures by phone at:

**+49 (0) 27 23 / 41-1**

Request brochures by E-Mail to:

**service@MENNEKES.de**

**Service by  
MENNEKES®.**  
Always well informed.