

Plugs for the world



International
Edition



MENNEKES



Only products bearing the MENNEKES® brand deserve it.

To reach the goal of high level quality, a quality management system conforming to DIN EN ISO 9001:2000 has been installed and certified. As an export orientated business, MENNEKES has also acquired the product certifications of international institutions in several relevant fields.



Approved and certified.

MENNEKES plugs and receptacles conform to relevant national and international standards. Due to special national regulations not every device can receive a general worldwide approval. For plugs and receptacles for USA and Canada please contact us.



Argentina



Belgium



Denmark



Germany



Finland



France



Great Britain



Italy



Canada



Croatia



Netherlands



Norway



Austria



Poland



Russia



Sweden



Switzerland



Slovakia



Spain



South Africa



Czech Republic



Hungary



USA



People's Republic of China

MENNEKES – highest quality world-wide.

Create connections.

At three production facilities, HQ Kirchhundem / Sauerland, Neudorf / Saxony and Nanjing / China, MENNEKES produces industrial wiring devices for the world markets.

Through regional sales offices, subsidiaries and international agencies we are at home around the globe.

More than 600 employees make sure, that MENNEKES products are popular in the whole world.



Keep connections.



Plant Neudorf



Plant Nanjing



Only our products that pass the MENNEKES vigorous testing will bear the name.

Extremes of cold, heat, dust and water are tested in our laboratories again and again. After this, the products are certified by accredited institutions. According to international standards.



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StarTOP®. Screwless plugs and connectors.

Safety made visible.

StarTOP® with screwless SafeCONTACT technique saving maximum installation time and providing maximum safety. In one step insulation is cut, contact is made and the wire is clamped securely. Colour-coded, maintenance-free contacts.

No tools needed for assembling the enclosure.

For products see pages 22 and 29.



**70%
time saving.**

**100%
safety.**



TwinCONTACT. Screwless receptacles.



Colour coded and marked terminals for faultless connection. Screwless: insert the conductor – and that's it. For a guaranteed safe contact. Vibration-proof. Wear-resistant contacts, maintenance-free. For further information ask for our leaflet. For products see pages 17 and 20.

**Quick:
Spring terminal.
Double:
Connecting
terminal.
Safe:
TwinCONTACT.**



RAPIDO. Express installation of panel mounted CEE-devices.



RAPIDO: receptacles and inlets with central locking system. Simple panel installation with one central fixing hole. No screw fixing points required enables installation space to be maximised. Save time and material – no need at all for fastening screws. Installation without tools. Fixings not accessible from outside, for maximum safety. Perfect design, also when fitted in groups. Suitable for walls from 2 to 9 mm (RAPIDO with 70 mm dia.) resp. from 2 to 5 mm (RAPIDO with dia. 61 mm). For further information ask for our leaflet. For products see pages 17, 20, 25 and 27.



Panel mounted receptacles and auxiliary switches.



Identical mounting dimensions for all sockets from 16A, 3p up to 32A, 5p. Uniform flange dimension of 85 x 85 mm. Uniform mounting dimension of 70 x 70 mm for easier drilling and punching. Torsion proof flange with integral fixed sealing. Professional design of the finished installation. For further information ask for our leaflet. For products see pages 18 and 19.



Retro-fit of auxiliary switch.

An auxiliary switch, designed as a two way contact, may be connected as a NO or a NC contact for additional functions such as control, monitoring, signalling, electrical interlocking etc. Optional auxiliary switch is also available for surface mounted receptacles. For products see page 19.

AM-TOP®. With screw terminal system.



Good contact.
Open terminal screws, all facing the same way, make the installation simple.

Well designed and field-proven, AM-TOP® offers solutions for highest specifications, and makes fast, professional work possible with ease. Through tightening the cable gland, the cable grip works automatically and the gasket seals simultaneously. Nickel plated contacts are also available with high heat resistant contact carriers for higher corrosion resistance in aggressive environments.

For products see pages 22, 23, 27, 29 and 30.

ProTOP. With time saving enclosure.



Many practical details. For example the self-finding thread for tight and stable connection of enclosure with integrated strain relief and automatic sealing in one step.

Cable grip.
Single action cable restraint. For easy connection.

Lid lift.
Single hand control for holding the connector and opening the lid.

For products see pages 22, 26, 27 and 29.

VarioTOP. Angled plug with rotating housing.



VarioTOP's housing can be twisted up to 60° to the right or to the left side. Cables are guided along the wall and safety is increased by guiding the supply cables off the working space.

For products see pages 22 and 27.



PowerTOP. Safe. Strong. Versatile.



Plugs and connectors from 16A to 125A.

PowerTOP design gives improved handling for connection and disconnection. The external cable grip protects the gasket. All PowerTOP plugs and connectors are fitted with high heat-resistant contact carriers.

For products see pages 22, 23, 29 and 30.

SoftCONTACT and TorsionSpringCONTACT.



SoftCONTACT in 63A connectors and TorsionSpringCONTACTs in 125A connectors reduce friction during plugging and unplugging. Another advantage is: the contacts are self-cleaning during inserting and withdrawing. This provides improved electrical connection. For products see pages 16, 18, 19, 29-33 and 36.



Stainless steel receptacle combinations.

Protects from unauthorised access also during operation.



High protection factor and attractive design. MENNEKES stainless steel receptacle combinations are recommended for all applications where equipment must be protected from unauthorised access when current is on as well as when switched off, at the same time visual appearance is important. The rigid construction and timeless elegance of flat finished stainless steel can meet these requirements.

Also available as flush mounted combination with frost proof gate valve for water supply. Please contact us for further information.



3KRAFT. The compact distributing panel.



3KRAFT comes equipped to suit your requirements: up to three sockets plus a compressed air connection. For installation or ready for use, with supply cable and plug.

The design incorporates three integral handles that may also be used as tool holders, e.g. for compressed air guns etc.

Available in three colours: signal yellow, red or silver.

Electrical power, data, compressed air.

From the ceiling, on the wall and on the floor.

For further information ask for our leaflet. For products see page 47.



AirKRAFT®. Function. Shape. Colour.

**5 functions
3 colours
1 shape**

The choice is yours.

For further information ask for our leaflet. For products see page 48.

You need power, data, compressed air, light and electrical safety. In one place. AirKRAFT® provides all in one device. Hung from the ceiling, installed on the wall or mobile on the floor. The AirKRAFT®-unit was granted the "Design-Plus" award.

Available in three colours: signal yellow, red or silver.



Combinations covering every conceivable need.

MENNEKES receptacle combinations are available tailor made in size and equipment to your individual specification. Robust cases, fitted with CEE receptacles, capable of withstanding the stresses imposed during insertion and withdrawal of the plugs. For products see pages 43-49.



EverGUM. Suitable for use in aggressive environments.

**Solid rubber.
Signal
yellow.**

With the EverGUM range MENNEKES provides a solid rubber alternative to enclosures in AMAPLAST or Amelan. 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.

- Resistant to weather and ageing
- High dimensional stability and precision
- Good resistance to acids and alkalis
- High breakdown and creepage resistance

For products see page 50, 51, 54 and 55.



Amelan. High resistance to chemicals.



Receptacles and combinations made of Amelan for use in corrosive atmosphere.

Amelan is the plastic used by MENNEKES for plugs and receptacles destined for use in environments where they will be exposed to certain chemicals or other corrosive substances. Amelan has excellent resistance to fuels, oils and fats, dilute acids and alkalines, cleaning fluids, most aqueous salt solutions and a wide variety of chemicals including aliphatic hydrocarbons. Amelan is a plastic that combines high mechanical, thermal and electrical properties with excellent dimensional stability and resistance to chemicals. For products see page 36.

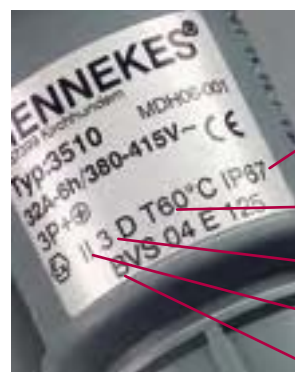
Plugs and receptacles for zone 22 hazardous areas.



Rugged enclosures with good chemical resistance and a high degree of IP protection – these features make MENNEKES plugs and receptacles the products of choice for industrial use in zone 22 hazardous areas. MENNEKES switched and interlocked sockets as well as the corresponding plugs meet these requirements.



For further information ask for our leaflet.



All information at a glance

- IP 67** protection
- T60°C** maximum outside temperature of enclosure in service
- 3D** protection against dust explosions, zone 22
- II** not for underground use

Approval no. of test authority

Reference to further terms used in this catalogue.

AMAPLAST

Most MENNEKES products are made of the plastic AMAPLAST. This material has the following outstanding characteristics: good electrical insulation, virtually unbreakable, resistant to abrasion, wear, heat, cold, ageing, sea water, oil and gasoline. Dimensionally stable, self-extinguishing.

For products shown left see pages 52, 53 and 56.

Cepex

With surface, flush and cable duct mounting the Cepex range is extremely versatile and suitable and convinces with perfect technique and design.

For products see page 21.

DUO mechanical interlock

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.

For products see pages 31-33 and 35, 36 and 39.

High heat-resistant contact carriers

High temperature resistant contact carriers for severe conditions, standard in 63A and 125A.

For products see pages 34-36 and 39.


Nickel plated contacts

Used together with high heat-resistant contact carriers. Appliances with nickel plated contacts and high heat resistant contact carriers are resistant to corrosive environments.

For products see pages 34-36 and 39.

Phase inverter

If three phase equipment rotates in the wrong direction the MENNEKES® phase inverter plug solves the problem quickly and safe.

For products see pages 27 and 28.

Phase sequence test plug

Indicates the rotating direction of three phase current.

For products see page 28.

SCHUKO® receptacles
Grounding receptacles

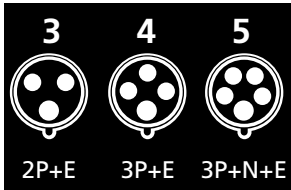
Panel mounted receptacles SCHUKO® type, French/Belgian, Danish type alternative with plug-in-terminals or screw terminals for wiring through. Swiss, British and NEMA type with screw terminals.

For more information ask for our leaflet. For products see pages 40-42.

MENNEKES CEE wall mounted receptacles

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



STD. PACK. QTY.
WEIGHT G/EA.



▲ IP 44 CEE receptacles, top entry								Dimensions: page 60													
AMPERE	POLES	3-pole 4h	4-pole 4h	5-pole 4h	3-pole 6h	4-pole 9h	5-pole 9h	3-pole 9h	4-pole 6h	5-pole 6h	3-pole 7h	4-pole 7h	5-pole 7h	3-pole 10h	4-pole 10h	5-pole 10h	3-pole 2h	4-pole 2h	5-pole 2h	STD. PACK. QTY.	WEIGHT G/EA.
16	3		1077		1178															10	180
16	4				1267			268			1269									10	214
16	5							1												10	218
32	3		1368		1369			1370												10	290
32	4		1371		1372			1373			1374									10	307
32	5							2												10	334



▲ IP 44 CEE receptacles, top and bottom entry								Dimensions: page 60													
AMPERE	POLES	3-pole 4h	4-pole 4h	5-pole 4h	3-pole 6h	4-pole 9h	5-pole 9h	3-pole 9h	4-pole 6h	5-pole 6h	3-pole 7h	4-pole 7h	5-pole 7h	3-pole 10h	4-pole 10h	5-pole 10h	3-pole 2h	4-pole 2h	5-pole 2h	STD. PACK. QTY.	WEIGHT G/EA.
16	3		100		101			102						2169		2241				10	180
16	4		103		104			105			106			107		108				10	236
16	5		109		110			111			2000			2188		2199				10	256



▲ IP 44 CEE receptacles, top and bottom entry								Dimensions: page 60													
AMPERE	POLES	3-pole 4h	4-pole 4h	5-pole 4h	3-pole 6h	4-pole 9h	5-pole 9h	3-pole 9h	4-pole 6h	5-pole 6h	3-pole 7h	4-pole 7h	5-pole 7h	3-pole 10h	4-pole 10h	5-pole 10h	3-pole 2h	4-pole 2h	5-pole 2h	STD. PACK. QTY.	WEIGHT G/EA.
16	4		3030		3034			1418			3032			3035		3028				10	280
16	5		3041		3045			1419			3043			3046		3039				10	290
32	3		1420		1421			1422						3139		3134				10	355
32	4		1423		1424			1425			1426			1427		1428				10	348
32	5		1555		1556			1557			3152			3154		3149				10	401



▲ IP 44 CEE receptacles, SoftCONTACT, top and bottom entry								Dimensions: page 60													
AMPERE	POLES	3-pole 4h	4-pole 4h	5-pole 4h	3-pole 6h	4-pole 9h	5-pole 9h	3-pole 9h	4-pole 6h	5-pole 6h	3-pole 7h	4-pole 7h	5-pole 7h	3-pole 10h	4-pole 10h	5-pole 10h	3-pole 2h	4-pole 2h	5-pole 2h	STD. PACK. QTY.	WEIGHT G/EA.
63	3		1136		1137			1138												5	857
63	4		1139		1140			1141			1142									5	901
63	5		1143		1144			1145												5	925

Products with pilot contacts: article number + index P



▲ IP 67 CEE receptacles, top and bottom entry								Dimensions: page 60													
AMPERE	POLES	3-pole 4h	4-pole 4h	5-pole 4h	3-pole 6h	4-pole 9h	5-pole 9h	3-pole 9h	4-pole 6h	5-pole 6h	3-pole 7h	4-pole 7h	5-pole 7h	3-pole 10h	4-pole 10h	5-pole 10h	3-pole 2h	4-pole 2h	5-pole 2h	STD. PACK. QTY.	WEIGHT G/EA.
16	3		1193		1192			1211												10	240
16	4		1194		1195			1196			1197			1212		1213				10	269
16	5		1198		1199			1200												10	322
32	3		1201		1202			1203												10	376
32	4		1204		1205			1206			1207			1214		1215				10	396
32	5		1208		1209			1210												10	450



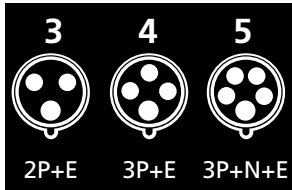
▲ IP 67 CEE receptacles, SoftCONTACT, top and bottom entry								Dimensions: page 60													
AMPERE	POLES	3-pole 4h	4-pole 4h	5-pole 4h	3-pole 6h	4-pole 9h	5-pole 9h	3-pole 9h	4-pole 6h	5-pole 6h	3-pole 7h	4-pole 7h	5-pole 7h	3-pole 10h	4-pole 10h	5-pole 10h	3-pole 2h	4-pole 2h	5-pole 2h	STD. PACK. QTY.	WEIGHT G/EA.
63	3		856		128			129												5	903
63	4		130		131			132			133									5	943
63	5		134		135			136			2007									5	1004

▲ IP 67 CEE receptacles, top and bottom entry								Dimensions: page 60													
AMPERE	POLES	3-pole 4h	4-pole 4h	5-pole 4h	3-pole 6h	4-pole 9h	5-pole 9h	3-pole 9h	4-pole 6h	5-pole 6h	3-pole 7h	4-pole 7h	5-pole 7h	3-pole 10h	4-pole 10h	5-pole 10h	3-pole 2h	4-pole 2h	5-pole 2h	STD. PACK. QTY.	WEIGHT G/EA.
125	3							on request												3	1972
125	4		137		138			139			140									3	1972
125	5		141		142			143			2139									3	2102

MENNEKES CEE wall mounted receptacles, screwless with TwinCONTACT

MENNEKES CEE panel mounted receptacles RAPIDO

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.



AMPERE	POLES	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			>50 - 500 V 100-300 Hz			>50 - 500 V a. 300-500 Hz			STD. PACK. QTY.	WEIGHT G/EA.
		3-pole 4h	4-pole 4h	5-pole 4h	3-pole 6h	4-pole 9h	5-pole 9h	3-pole 9h	4-pole 6h	5-pole 6h	3-pole 7h	4-pole 7h	5-pole 7h	3-pole 10h	4-pole 10h	5-pole 10h	3-pole 2h	4-pole 2h	5-pole 2h		



⚠ IP 44 CEE wall mounted receptacles, screwless with TwinCONTACT, top entry																			Dim.: page 60/61	
16	3		1340 *		1341 *														10	
16	4				1342 *		1343 *		1344 *										10	
16	5						31												10	233

*available 2nd quarter 2005



⚠ IP 44 CEE wall mounted receptacles, screwless with TwinCONTACT, top and bottom entry																			Dimensions: page 60	
16	3		1719		1720		1721												10	
16	4				1723 *		1724 *		1725 *										10	236
16	5				1730		3331												10	256

*available 2nd quarter 2005



⚠ IP 44 CEE wall mounted receptacles, screwless with TwinCONTACT, top and bottom entry																			Dimensions: page 60	
16	4		1750 *		1751 *		418 *		1752 *										10	280
16	5		1755		1756		419		1757										10	290

*available 2nd quarter 2005



⚠ IP 67 CEE wall mounted receptacles, screwless with TwinCONTACT, top and bottom entry																			Dimensions: page 60	
16	3		1867		241		1868												10	240
16	4		1870 *		1871 *		242 *		1872 *										10	269
16	5		1875		1876		200												10	332

*available 2nd quarter 2005



⚠ IP 44 CEE panel mounted receptacles RAPIDO with central locking system and screw terminals, round flange for central fixing, dia. 61 mm																			Dim.: page 60/61	
16	3		964		966														10	158
16	4						990												10	178
16	5						985												10	192

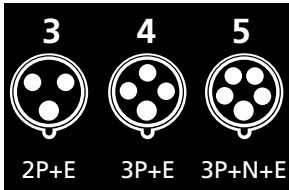


⚠ IP 44 CEE panel mounted receptacles RAPIDO with central locking system and screw terminals, round flange for central fixing, dia. 70 mm																			Dim.: page 60/61	
16	4				908		968		917										10	200
16	5						969												10	215
32	3		918		995														10	244
32	4				929		999		930										10	262
32	5						976												10	297

MENNEKES CEE panel mounted receptacles

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



AMPERE	POLES	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			>50 - 500 V 100-300 Hz			>50 - 500 V a. 300-500 Hz			STD. PACK. QTY.	WEIGHT G/EA.
		3-pole 4h	4-pole 4h	5-pole 4h	3-pole 6h	4-pole 9h	5-pole 9h	3-pole 9h	4-pole 6h	5-pole 6h	3-pole 7h	4-pole 7h	5-pole 7h	3-pole 10h	4-pole 10h	5-pole 10h	3-pole 2h	4-pole 2h	5-pole 2h		



▲ IP 44 Flange 75 x 75 mm, straight												Dimensions: page 60/61	
16	3	1365	1366	1367						3054	3055	10	137
16	4	1388	1389	1390	1391	1392	1393					10	161
16	5	1384	1386	1385	3057	3059	3060					10	185
32	3	1394	1395	1396								10	199
32	4	1397	1398	1399	1400	1401	1402					10	212
32	5	3449	3454	3451	3452	3455	3447					10	252



▲ IP 44 SoftCONTACT, Flange 107 x 100 mm, straight												Dimensions: page 61	
63	3	1260	1261	1262								5	523
63	4	1246	1247	1248	1249							5	559
63	5	1250	1251	1252								5	620

Products with pilot contacts: article number + index P



▲ IP 44 Mini Flange 55 x 55 mm, straight												Dimensions: page 61	
16	3	1628	1629									10	121



▲ IP 44 Flange 62 x 62 mm, straight												Dimensions: page 61	
16	3	1362	1363	1364								10	127



▲ IP 44 Flange 72 x 65 mm, straight												Dimensions: page 61	
16	4	1431	1432	1387	1433	1434	1435					10	147
16	5	1429	1430	1383								10	180



▲ IP 44 Flange 73.5 x 64 mm (16A, 3-pole), 100 x 92 mm, 20° inclination												Dimensions: page 60/61	
16	3	1462	1463	1464			3186	3187				10	132
16	4	1465	1466	1467	1468	1469	1470	1470				10	183
16	5	1471	1472	1473	3188	3189	3190	3190				10	204
32	3	1491	1492	1493			3201	3202				10	236
32	4	1494	1495	1496	1497	1486	1487	1487				10	250
32	5	1498	1499	1500	3191	3192	3193	3193				10	288

▲ IP 44 SoftCONTACT, Flange 110 x 106 mm, 20° inclination												Dimensions: page 60/61	
63	3	1146	1147	1148								5	526
63	4	1149	1150	1151	1152							5	569
63	5	1153	1154	1155								5	624

Products with pilot contacts: article number + index P

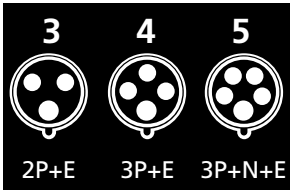


▲ IP 44 Flange 85 x 85 mm, 20° inclination												Dimensions: page 61	
16	3	3031	3036									10	148
16	4			3072	3074							10	166
16	5			3093								10	191
32	3	3110	3112									10	222
32	4			3136	3137							10	238
32	5			3153								10	276

MENNEKES CEE panel mounted receptacles

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



AMPERE	POLES	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			>50 - 500 V 100-300 Hz			>50 - 500 V a. 300-500 Hz			STD. PACK. QTY.	WEIGHT G/EA.
		3-pole 4h	4-pole 4h	5-pole 4h	3-pole 6h	4-pole 9h	5-pole 9h	3-pole 9h	4-pole 6h	5-pole 6h	3-pole 7h	4-pole 7h	5-pole 7h	3-pole 10h	4-pole 10h	5-pole 10h	3-pole 2h	4-pole 2h	5-pole 2h		



♠ IP 67 Flange 75 x 75 mm (16A), 85 x 75 mm (32A), straight																	Dimensions: page 61		
16	3		217		218		219											10	160
16	4		220		221		222		223		224		225					10	183
16	5		226		227		228											10	221
32	3		229		230		231											10	266
32	4		232		233		234		235		236		237					10	293
32	5		238		239		240											10	314



♠ IP 67 SoftCONTACT, Flange 107 x 100 mm, straight																	Dimensions: page 62		
63	3		1263		1264		1265											5	567
63	4		1122		1123		1124		1125									5	604
63	5		1126		1127		1128											5	664



♠ IP 67 TorsionSpringCONTACT, Flange 130 x 130 mm, straight																	Dimensions: page 62		
125	3				3380													5	1001
125	4		1455		1456		1457		1458									5	1135
125	5		1459		1460		1461		3283									5	1256

Products with pilot contacts: article number + index P



♠ IP 67 Flange 73.5 x 64 mm (16A, 3-pole), 100 x 92 mm, 20° inclination																	Dimensions: page 61		
16	3		1474		1475		1476											10	151
16	4		1477		1478		1479		1480		1481		1482					10	203
16	5		1483		1484		1485											10	237
32	3		1501		1502		1503											10	281
32	4		1504		1505		1506		1507		1567		1568					10	291
32	5		1489		1490		1551											10	334



♠ IP 67 SoftCONTACT, Flange 110 x 106 mm, 20° inclination																	Dimensions: page 61		
63	3		2179		2180		2181											5	520
63	4		203		204		205		206									5	607
63	5		207		208		209		3507									5	668



♠ IP 67 TorsionSpringCONTACT, Flange 114 x 110 mm, 15° inclination																	Dimensions: page 61		
125	3				3575													5	840
125	4		210		211		212		213									5	940
125	5		214		215		216											5	1171

Products with pilot contacts: article number + index P



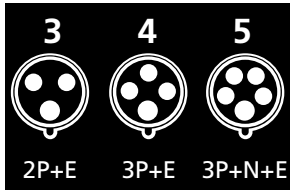
♠ IP 67 Flange 85 x 85 mm, 20° inclination																	Dimensions: page 62		
16	3		903		905													10	158
16	4						1081		1082									10	
16	5						1103											10	224
32	3		3197		3200													10	260
32	4						3254		3256									10	288
32	5						3524											10	326

Auxiliary contact switch for panel mounted receptacles IP44 and IP67, with flange 85 x 85 mm
 for additional functions such as control, monitoring, signalling, electrical interlocking etc.
 10A/400V, 16A/230V
 Function: two way contact = make/break contact
Article number 41000

MENNEKES CEE panel mounted receptacles, screwless with TwinCONTACT

MENNEKES CEE panel mounted receptacles RAPIDO with TwinCONTACT

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.



AMPERE	POLES	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			>50 - 500 V 100-300 Hz			>50 - 500 V a. 300-500 Hz			STD. PACK. QTY.	WEIGHT G/EA.
		3-pole 4h	4-pole 4h	5-pole 4h	3-pole 6h	4-pole 9h	5-pole 9h	3-pole 9h	4-pole 6h	5-pole 6h	3-pole 7h	4-pole 7h	5-pole 7h	3-pole 10h	4-pole 10h	5-pole 10h	3-pole 2h	4-pole 2h	5-pole 2h		



▲ IP 44 CEE panel mounted receptacles, screwless with TwinCONTACT, straight Dim.: page 62

16	3	1667	1668	1669			1671	10	137
16	4	1672 *	1673 *	1674 *	1675 *	1676 *	1677 *	10	161
16	5	1678	1679	3385	1680		1682	10	185

*available 2nd quarter 2005



▲ IP 44 CEE panel mounted receptacles, screwless with TwinCONTACT, 20° inclination Dimensions: page 62

16	3	1631	1632	1633			1635	10	132
16	4	1636 *	1637 *	1638 *	1639 *	1640 *	1641 *	10	183
16	5	1642	1643	3473	1644		1646	10	204

*available 2nd quarter 2005



▲ IP 67 CEE panel mounted receptacles, screwless with TwinCONTACT, straight Dim.: page 62

16	3	1707	1708	1709				10	160
16	4	1710 *	1711 *	1712 *	1713 *	1714 *	1715 *	10	183
16	5	1716	1717	1131				10	221

*available 2nd quarter 2005



▲ IP 67 CEE panel mounted receptacles, screwless with TwinCONTACT, 20° inclination Dim.: page 62

16	3	1700	1701	1702				10	151
16	4		1703 *	1704 *	1705 *	1706 *		10	203
16	5			3485				10	237

*available 2nd quarter 2005



▲ IP 44 CEE panel mounted receptacles, RAPIDO with central locking system and screwless TwinCONTACT, round flange for central fixing, dia. 61 mm Dim.: page 60/61

16	3	1132	997					10	158
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▲ IP 44 CEE panel mounted receptacles RAPIDO with central locking system and screwless TwinCONTACT, round flange for central fixing, dia. 70 mm Dim.: page 60/61

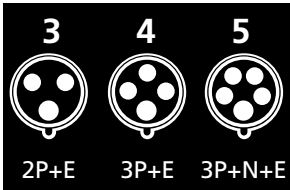
16	4		1133 *	998 *	1134 *			10	
16	5			907				10	187

*available 2nd quarter 2005

MENNEKES CEE receptacles Cepex

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



110 V 50 a. 60 Hz	230 V 50 a. 60 Hz	400 V 50 a. 60 Hz	500 V 50 a. 60 Hz	>50 - 500 V 100-300 Hz	>50 - 500 V a. 300-500 Hz
3-pole 4h 4-pole 4h 5-pole 4h	3-pole 6h 4-pole 9h 5-pole 9h	3-pole 9h 4-pole 6h 5-pole 6h	3-pole 7h 4-pole 7h 5-pole 7h	3-pole 10h 4-pole 10h 5-pole 10h	3-pole 2h 4-pole 2h 5-pole 2h

STD. PACK. QTY.
WEIGHT G/EA.



▲ IP 44 surface mounted receptacles Cepex						Dimensions: page 62/63
16	3	4101	4102			5 284
16	4		4254	4103	4104	5 295
16	5			4105		5 302
32	3	4106	4107			5 334
32	4			4108		5 344
32	5			4110		5 354



▲ IP 44 surface mounted receptacles Cepex, with labelling field						Dimensions: page 62/63
16	3		4132			5 286
16	4			4133		5 297
16	5			4135		5 304
32	3		4137			5 336
32	4			4138		5 346
32	5			4140		5 356



▲ IP 44 panel mounted receptacles Cepex						Dimensions: page 62/63
16	3	4111	4112			5 171
16	4		4233	4113	4114	5 182
16	5			4115		5 189
32	3	4116	4117			5 221
32	4			4118	4119	5 231
32	5			4120		5 241



▲ IP 44 flush mounted receptacles Cepex, with installation box						Dimensions: page 62/63
16	3	4121	4122			5 227
16	4		4205	4123	4124	5 238
16	5			4125		5 245
32	3	4126	4127			5 316
32	4			4128		5 326
32	5			4130		5 336



▲ IP 44 duplex receptacles Cepex						Dimensions: page 62/63
16	3	4218	4219			5 530
16	4		4258	4220		5 565
16	5			4204		5 600
32	3	4223	4224			4 710
32	4		4259	4225		4 755
32	5			4226		4 800



Dimensions: page 62/63

N.B.: All above mentioned types are available in three designs and with SCHUKO® insert:

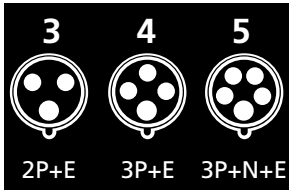
- with smooth cover (as shown above, picture 1)
- with labelling field (as shown above, picture 2)
- with labelling field and lockable cover

Also available with data port inserts. Please ask for details.
Distance frame on request.
Cepex range panel receptacles rated 16 A and 32 A have the same dimensions.
It is, therefore, possible to interchange single or 3 phase receptacles on a 2-gang enclosure to suit your own requirements.

MENNEKES CEE plugs

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



110 V 50 a. 60 Hz	230 V 50 a. 60 Hz	400 V 50 a. 60 Hz	500 V 50 a. 60 Hz	>50 - 500 V 100-300 Hz	>50 - 500 V a. 300-500 Hz
3-pole 4h 4-pole 4h 5-pole 4h	3-pole 6h 4-pole 9h 5-pole 9h	3-pole 9h 4-pole 6h 5-pole 6h	3-pole 7h 4-pole 7h 5-pole 7h	3-pole 10h 4-pole 10h 5-pole 10h	3-pole 2h 4-pole 2h 5-pole 2h

STD. PACK. QTY.
WEIGHT G/EA.



▲ IP 44 CEE plugs AM-TOP® with screw terminal and single part body									
16	3	247	248	249		2168	2271	10	132
16	4	250	251	252	253	254	255	10	150
16	5	256	257	3	2014	2189	2243	10	171
32	3	259	260	261		2195	2341	10	234
32	4	262	263	264	265	266	267	10	275
32	5	268	269	4	2015	2244	2178	10	276



▲ IP 44 CEE plugs ProTOP with screw terminal and time saving enclosure									
16	3	147	148					10	133
16	4		151	152	153			10	166
16	5			13				10	183
32	3	159	160					10	250
32	4		163	164	165			10	270
32	5			14				10	298



▲ IP 44 CEE plugs StarTOP® with screwless SafeCONTACT and time saving enclosure									
16	3	947	948					10	151
16	4		951	952	953	954		10	187
16	5			33				10	204
32	5			34				10	343



▲ IP 44 CEE plugs PowerTOP with external cable grip, high heat-resistant contact carriers and nickel plated contacts									
16	3	3918	3919	3920				10	175
16	4	3925	3927	3926	3928	3929	3930	10	198
16	5	3934	3936	3935				10	241
32	3	3942	3943	3944				10	267
32	4	3945	3946	3947	3948	3949	3950	10	284
32	5	3951	3952	3977				10	363



▲ IP 44 CEE plug PowerTOP with external cable grip, high heat-resistant contact carriers and nickel plated contacts									
63	3	1226	1227	1228				5	585
63	4	1229	1230	1231	1232			5	641
63	5	1233	1234	1235				5	697



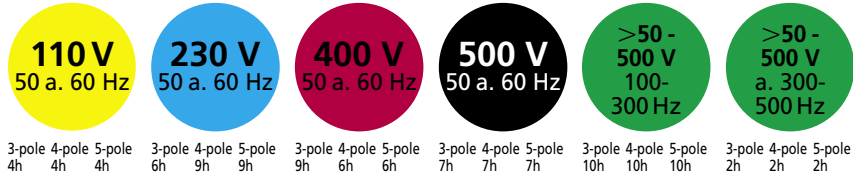
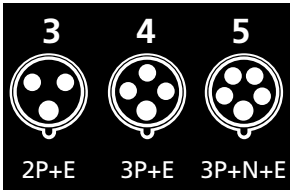
▲ IP 44 CEE angled plug									Dimensions: page 63
16	3	1410	1411	1412				10	115
16	4	890	891	315				10	138
32	3	3312	3306					10	213
32	4		3646	3987				10	230
32	5		3424	3266				10	249

▲ IP 44 CEE angled plug VarioTOP with rotating housing									Dimensions: page 63
16	5		3981	3980	colour code			10	182
16	5		3983	3982	electric grey			10	185

MENNEKES CEE plugs

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



STD. PACK. QTY.
WEIGHT G/EA.



♦♦ IP 67 CEE plugs AM-TOP® with screw terminal and single part body									
AMPERE	POLES	110 V 50 a. 60 Hz	230 V 50 a. 60 Hz	400 V 50 a. 60 Hz	500 V 50 a. 60 Hz	>50 - 500 V 100- 300 Hz	>50 - 500 V a. 300- 500 Hz	STD. PACK. QTY.	WEIGHT G/EA.
16	3	277	278	279				10	156
16	4	280	281	282	283	284	285	10	165
16	5	286	287	288				10	206
32	3	289	290	291				10	292
32	4	292	293	294	295	296	297	10	313
32	5	298	299	300				10	329



♦♦ IP 67 CEE plugs PowerTOP with external cable grip, high heat-resistant contact carriers and nickel plated contacts									
16	3		3796					10	191
16	4			3809				10	221
16	5			3821				10	272
32	3		3830					10	307
32	4			3841				10	324
32	5			3853				10	410



♦♦ IP 67 CEE plugs PowerTOP with external cable grip, high heat-resistant contact carriers and nickel plated contacts									
63	3	1570	1571	1572				5	664
63	4	1108	1109	1110	1111			5	724
63	5	1112	1113	1114	2958			5	779
125	3	3399	3400					5	1099
125	4	1441	1442	1443	1444			5	1227
125	5	1445	1446	1447	3173			5	1334



♦♦ IP 67 CEE plugs economy range with screw terminal and single part body									
63	4			303				5	634
63	5			307				5	682



Protective cover for IP 67 inlets and plugs									
Ampere	poles	cat.-no.						STD. PACK. QTY.	WEIGHT G/EA.
16	3	40784						50	33
16	4	40778						50	40
16	5+7	40785						50	54
32	3+4	40841						50	57
32	5+7	40786						50	78
63	3, 4+5	40787						50	107
125	3, 4+5	40788						40	115

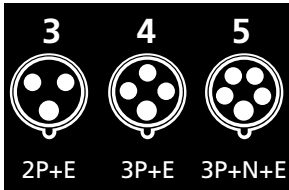


Plug-Guard									
Prevents insertion of the plug, that unauthorised persons cannot use appliances or installations. Suitable for all CEE plugs and inlets up to 125A except low voltage									
Ref. no. 41416								40	15

MENNEKES CEE panel mounted inlets

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



AMPERE	POLES	110 V 50 a. 60 Hz	230 V 50 a. 60 Hz	400 V 50 a. 60 Hz	500 V 50 a. 60 Hz	>50 - 500 V 100- 300 Hz	>50 - 500 V a. 300- 500 Hz
		3-pole 4h 4-pole 4h 5-pole 4h	3-pole 6h 4-pole 9h 5-pole 9h	3-pole 9h 4-pole 6h 5-pole 6h	3-pole 7h 4-pole 7h 5-pole 7h	3-pole 10h 4-pole 10h 5-pole 10h	3-pole 2h 4-pole 2h 5-pole 2h

STD. PACK. QTY.
WEIGHT G/EA.



⚠ IP 44 CEE panel mounted inlets							Dimensions: page 63	
16	5					1408	10	117
32	5					1409	10	183

A retaining device to match the hinged lid of the connector must be provided to ensure the latching feature.



⚠ IP 44 CEE panel mounted inlet, Flange 75 x 75 mm, Fixing distance 60 x 60 mm							Dim.: page 63	
16	5					853	10	120

A retaining device to match the hinged lid of the connector must be provided to ensure the latching feature.



⚠ IP 44 CEE panel mounted inlets with nickel plated contacts							Dimensions: page 63	
16	3	810	812				10	136
16	4		837	813	814		10	157
16	5			815			10	172
32	3	816	817				10	198
32	4		838	819	820		10	210
32	5			821			10	245

A retaining device to match the hinged lid of the connector must be provided to ensure the latching feature.



⚠ IP 44 CEE panel mounted inlets with high heat-resistant contact carriers and nickel plated contacts							Dimensions: page 63	
63	3	822	1981				5	360
63	4		1984	1982	824		5	480
63	5			1688			5	538

A retaining device to match the hinged lid of the connector must be provided to ensure the latching feature.



⚠ IP 67 CEE panel mounted inlets with nickel plated contacts							Dimensions: page 64	
16	3	825	826				10	170
16	4		839	827	828		10	174
16	5			829			10	205
32	3	830	831				10	239
32	4		840	832	833		10	256
32	5			834			10	295

A retaining device to match the hinged lid of the connector must be provided to ensure the latching feature.

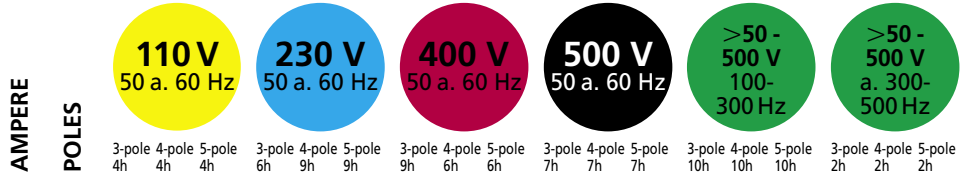
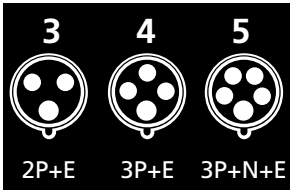


⚠ IP 67 CEE panel mounted inlets with high heat-resistant contact carriers and nickel plated contacts							Dimensions: page 64	
63	3	835	836				5	478
63	4		3704	3656	3657		5	553
63	5			3658			5	590
125	3			3665			5	890
125	4		3413	3583	3600		5	1005
125	5			1983			5	1130

MENNEKES CEE wall- and panel mounted inlets

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



STD. PACK. QTY.
WEIGHT G/EA.



⚠ IP 44 CEE panel mounted inlets RAPIDO with central locking system		Dimensions: page 64		
AMPERE	POLES	3-pole 4h	4-pole 4h	5-pole 4h
16	3	919	924	
16	4			931
16	5			949



⚠ IP 44 CEE panel mounted inlets RAPIDO with central locking system		Dimensions: page 64		
AMPERE	POLES	3-pole 4h	4-pole 4h	5-pole 4h
16	4		932	933
16	5			972
32	3	935	938	
32	4		939	942
32	5			945



⚠ IP 44 CEE wall/panel mounted inlets with hinged lid for internal and external fixing		Dim.: page 64		
AMPERE	POLES	3-pole 4h	4-pole 4h	5-pole 4h
16	3	846	847	

⚠ IP 44 CEE wall/panel mounted inlets without hinged lid for internal and external fixing		Dim.: page 64		
AMPERE	POLES	3-pole 4h	4-pole 4h	5-pole 4h
16	3	843	844	



⚠ IP 44 CEE wall/panel mounted inlets for internal and external fixing		Dimensions: page 64		
AMPERE	POLES	3-pole 4h	4-pole 4h	5-pole 4h
16	4			800
16	5			801

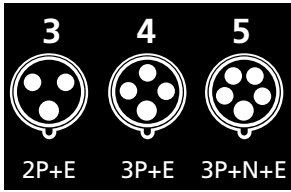


Hinged lid as assembly kit		Dimensions: page 64		
	for article numbers 843 and 844		41482	10 22
	for article numbers 800 and 801		41489	10 25

MENNEKES CEE inlets

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



AMPERE	POLES	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			>50 - 500 V 100-300 Hz			>50 - 500 V a. 300-500 Hz			STD. PACK. QTY.	WEIGHT G/EA.
		3-pole 4h	4-pole 4h	5-pole 4h	3-pole 6h	4-pole 9h	5-pole 9h	3-pole 9h	4-pole 6h	5-pole 6h	3-pole 7h	4-pole 7h	5-pole 7h	3-pole 10h	4-pole 10h	5-pole 10h	3-pole 2h	4-pole 2h	5-pole 2h		



▲ IP 44 CEE wall mounted inlets												Dimensions: page 64/65		
16	3	331	332	333									10	148
16	4	334	335	336	337	921	922						10	237
16	5	340	341	342	2359	2668	2400						10	246
32	3	343	344	345									10	350
32	4	346	347	348	349								10	353
32	5	352	353	354	2386								10	374



▲▲ IP 67 CEE wall mounted inlets												Dimensions: page 64/65		
63	3	1216	1107	1217									5	825
63	4	355	356	357	358								5	884
63	5	359	360	361									5	931
125	4	362	363	364	365								3	2061
125	5	366	367	368									3	2178



▲ IP 44 CEE panel mounted inlets												Dimensions: page 64/65		
16	4	371	372	373	374								10	170
16	5	377	378	379									10	182
32	3	380	381	382									10	224
32	4	383	384	385	386								10	245
32	5	389	390	391									10	260



▲ IP 44 CEE panel mounted inlets with hinged lid												Dimensions: page 64/65		
16	4	392	393	394	395								10	260
16	5	398	399	400									10	275
32	3	401	402	403									10	323
32	4	404	405	406	407								10	347
32	5	410	411	412									10	365



▲ IP 44 CEE recessed inlet, flush mounted												Dimensions: page 64/65		
suitable for use with below mentioned connectors														
16	3		8001										5	297
▲ IP 44 CEE angled connector														
16	3		1438										10	144

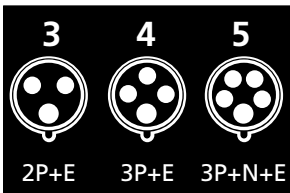


▲ IP 44 CEE connector ProTOP suitable for use with above mentioned inlet														
16	3		180AC										10	175

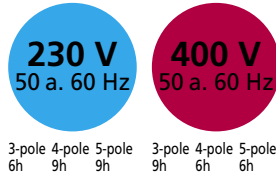
MENNEKES CEE phase inverter plugs and inlets

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



AMPERE
POLES



STD. PACK. QTY.
WEIGHT G/EA.



⚠ IP 44 CEE phase inverter plug ProTOP with screw terminal and time saving enclosure			
16	5	3319A	10 163



⚠ IP 44 CEE phase inverter plugs AM-TOP with screw terminal and single part body			
16	4	338	339 10 155
16	5	318	319 10 175
32	4	396	397 10 277
32	5	321	322 10 279



⚠ IP 67 CEE phase inverter plugs AM-TOP with screw terminal and single part body			
16	4	3338	3339 10 178
16	5		325 10 195
32	4	3340	3341 10 318
32	5	327	328 10 333



⚠ IP 44 CEE angled plug phase inverter VarioTOP with rotating housing			Dimensions: page 63
16	5	859	10 186



⚠ IP 44 CEE panel mounted phase inverter inlet, flange 75x75 mm, fixing distance 60x60 mm			Dimensions: page 63
16	5	854	10 124

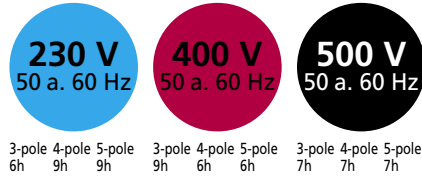
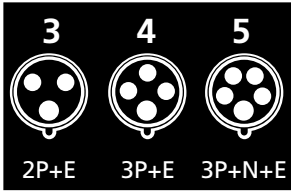


⚠ IP 44 CEE panel mounted phase inverter inlet RAPIDO , with central locking system and screw terminals, dia. 70 mm			Dimensions: page 64
16	5	937	10 160

MENNEKES CEE phase inverter inlets, phase sequence test plugs

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



STD. PACK. QTY.
WEIGHT G/EA.



⚠ IP 44 CEE wall mounted phase inverter inlet				Dimensions: page 64	
16	5		3517	10	215



⚠ IP 44 CEE wall mounted phase inverter inlets				Dimensions: page 64/65	
16	4	3342	3343	10	241
16	5		2511	10	250
32	4	3345	3346	10	357
32	5	3347	2478	10	378



⚠ IP 44 CEE panel mounted phase inverter inlets				Dimensions: page 64/65	
16	4	3357	855	10	174
16	5		329	10	176
32	4	3367	3368	10	248
32	5	913	330	10	258



⚠ IP 44 CEE panel mounted phase inverter inlets with hinged lid				Dimensions: page 64/65	
16	4	3348	3350	10	264
16	5		20970	10	275
32	4	3355	3356	10	349
32	5	3717	21241	10	362



⚠ IP 44 CEE phase sequence test plugs to VDE 0413, part 9					
16	4	3527	3458	3459	5 169
16	5	3231	1414		5 170
32	4	3528	3460	3461	5 212
32	5	3232	1415		5 242
63	4	3420	1436	3917	5 612
63	5		1437		5 671

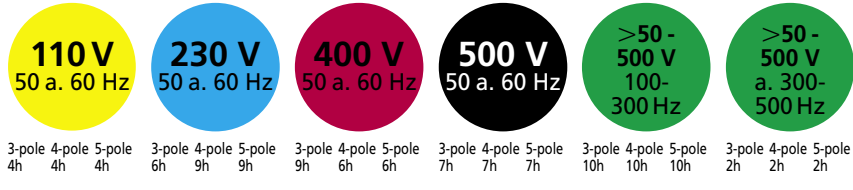
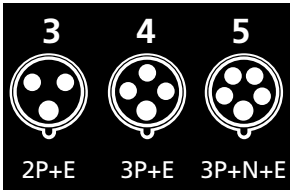


⚠ IP 44 CEE phase sequence test plug for reefer container, earth-contact in 3h-position					
32	4		3718		5 212

MENNEKES CEE connectors

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



STD. PACK. QTY.
WEIGHT G/EA.



⚠ IP 44 CEE connectors AM-TOP ® with screw terminal and single part body									
AMPERE	POLES	110 V 50 a. 60 Hz	230 V 50 a. 60 Hz	400 V 50 a. 60 Hz	500 V 50 a. 60 Hz	>50-500 V 100-300 Hz	>50-500 V a. 300-500 Hz	STD. PACK. QTY.	WEIGHT G/EA.
		3-pole 4h 4-pole 4h 5-pole 4h	3-pole 6h 4-pole 9h 5-pole 9h	3-pole 9h 4-pole 6h 5-pole 6h	3-pole 7h 4-pole 7h 5-pole 7h	3-pole 10h 4-pole 10h 5-pole 10h	3-pole 2h 4-pole 2h 5-pole 2h		
16	3	509	510	511		2441	2517	10	174
16	4	512	513	514	515	516	517	10	200
16	5	518	519	5	2026	2193	2495	10	240
32	3	521	522	523		2196	2674	10	313
32	4	524	525	526	527	528	529	10	331
32	5	530	531	6	2027	2245	2493	10	380



⚠ IP 44 CEE connectors ProTOP with screw terminal and time saving enclosure									
AMPERE	POLES	110 V 50 a. 60 Hz	230 V 50 a. 60 Hz	400 V 50 a. 60 Hz	500 V 50 a. 60 Hz	>50-500 V 100-300 Hz	>50-500 V a. 300-500 Hz	STD. PACK. QTY.	WEIGHT G/EA.
		3-pole 4h 4-pole 4h 5-pole 4h	3-pole 6h 4-pole 9h 5-pole 9h	3-pole 9h 4-pole 6h 5-pole 6h	3-pole 7h 4-pole 7h 5-pole 7h	3-pole 10h 4-pole 10h 5-pole 10h	3-pole 2h 4-pole 2h 5-pole 2h		
16	3	179	180	181				10	175
16	4		193	194	195			10	213
16	5			15				10	246
32	3	121	122					10	320
32	4		125	126	127			10	332
32	5			16				10	370



⚠ IP 44 CEE connectors StarTOP ® with screwless SafeCONTACT and time saving enclosure									
AMPERE	POLES	110 V 50 a. 60 Hz	230 V 50 a. 60 Hz	400 V 50 a. 60 Hz	500 V 50 a. 60 Hz	>50-500 V 100-300 Hz	>50-500 V a. 300-500 Hz	STD. PACK. QTY.	WEIGHT G/EA.
		3-pole 4h 4-pole 4h 5-pole 4h	3-pole 6h 4-pole 9h 5-pole 9h	3-pole 9h 4-pole 6h 5-pole 6h	3-pole 7h 4-pole 7h 5-pole 7h	3-pole 10h 4-pole 10h 5-pole 10h	3-pole 2h 4-pole 2h 5-pole 2h		
16	3	979	980					10	186
16	4		993	994	965	996		10	228
16	5			35				10	350
32	5			36				10	387



⚠ IP 44 CEE connectors PowerTOP with external cable grip and high heat-resistant contact carriers									
AMPERE	POLES	110 V 50 a. 60 Hz	230 V 50 a. 60 Hz	400 V 50 a. 60 Hz	500 V 50 a. 60 Hz	>50-500 V 100-300 Hz	>50-500 V a. 300-500 Hz	STD. PACK. QTY.	WEIGHT G/EA.
		3-pole 4h 4-pole 4h 5-pole 4h	3-pole 6h 4-pole 9h 5-pole 9h	3-pole 9h 4-pole 6h 5-pole 6h	3-pole 7h 4-pole 7h 5-pole 7h	3-pole 10h 4-pole 10h 5-pole 10h	3-pole 2h 4-pole 2h 5-pole 2h		
16	3	3953	3954	3955				10	230
16	4	3956	3957	3958	3959	3960	3961	10	235
16	5	3962	3963	3964				10	279
32	3	3965	3966	3967				10	318
32	4	3968	3969	3970	3971	3972	3973	10	344
32	5	3974	3975	3976				10	422



⚠ IP 44 CEE connectors PowerTOP with SoftCONTACT , external cable grip and high heat-resistant contact carriers									
AMPERE	POLES	110 V 50 a. 60 Hz	230 V 50 a. 60 Hz	400 V 50 a. 60 Hz	500 V 50 a. 60 Hz	>50-500 V 100-300 Hz	>50-500 V a. 300-500 Hz	STD. PACK. QTY.	WEIGHT G/EA.
		3-pole 4h 4-pole 4h 5-pole 4h	3-pole 6h 4-pole 9h 5-pole 9h	3-pole 9h 4-pole 6h 5-pole 6h	3-pole 7h 4-pole 7h 5-pole 7h	3-pole 10h 4-pole 10h 5-pole 10h	3-pole 2h 4-pole 2h 5-pole 2h		
63	3	1236	1237	1238				5	701
63	4	1239	1240	1241	1242			5	735
63	5	1243	1244	1245				5	798

Products with pilot contacts: article number + index **P**

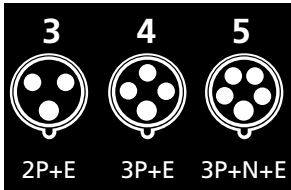


⚠ IP 44 CEE angled connector									
AMPERE	POLES	110 V 50 a. 60 Hz	230 V 50 a. 60 Hz	400 V 50 a. 60 Hz	500 V 50 a. 60 Hz	>50-500 V 100-300 Hz	>50-500 V a. 300-500 Hz	STD. PACK. QTY.	WEIGHT G/EA.
		3-pole 4h 4-pole 4h 5-pole 4h	3-pole 6h 4-pole 9h 5-pole 9h	3-pole 9h 4-pole 6h 5-pole 6h	3-pole 7h 4-pole 7h 5-pole 7h	3-pole 10h 4-pole 10h 5-pole 10h	3-pole 2h 4-pole 2h 5-pole 2h		
16	3		1438					10	144

MENNEKES CEE connectors

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



AMPERE	POLES	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			>50 - 500 V 100-300 Hz			>50 - 500 V a. 300-500 Hz			STD. PACK. QTY.	WEIGHT G/EA.
		3-pole 4h	4-pole 4h	5-pole 4h	3-pole 6h	4-pole 9h	5-pole 9h	3-pole 9h	4-pole 6h	5-pole 6h	3-pole 7h	4-pole 7h	5-pole 7h	3-pole 10h	4-pole 10h	5-pole 10h	3-pole 2h	4-pole 2h	5-pole 2h		



♦♦ IP 67 CEE connectors **AM-TOP®** with screw terminals and single part body

16	3	539	540	541															10	191
16	4	542	543	544	545	546	547												10	222
16	5	548	549	550															10	269
32	3	551	552	553															10	357
32	4	554	555	556	557	558	559												10	402
32	5	560	561	562															10	434



♦♦ IP 67 CEE connectors **PowerTOP** with external cable grip and high heat-resistant contact carriers

16	3		3860																10	221
16	4			3871															10	262
16	5			3881															10	314
32	3		3888																10	367
32	4			3897															10	379
32	5			3907															10	476



♦♦ IP 67 CEE connectors **PowerTOP** with **SoftCONTACT**, external cable grip and high heat-resistant contact carriers

63	3	1573	1574	1575															5	748
63	4	1115	1116	1117	1118														5	781
63	5	1119	1120	1121	3352														5	847

Products with pilot contacts: article number + index **P**.



♦♦ IP 67 CEE connectors **PowerTOP** with **TorsionSpringCONTACT**, external cable grip and high heat-resistant contact carriers

125	3	3389	3390																5	1240
125	4	1448	1449	1450	1451														5	1372
125	5	1452	1453	1454	3174														5	1514

Products with pilot contacts: article number + index **P**.



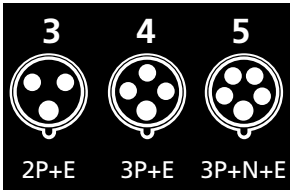
♦♦ IP 67 CEE connectors **economy range** with screw terminals and single part body

63	4			565															5	714
63	5			569															5	766

MENNEKES CEE receptacles, switched, interlocked

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



AMPERE	POLES	110 V 50 a. 60 Hz	230 V 50 a. 60 Hz	400 V 50 a. 60 Hz	500 V 50 a. 60 Hz	>50 - 500 V 100- 300 Hz	>50 - 500 V a. 300- 500 Hz	STD. PACK. QTY.	WEIGHT G/EA.
		3-pole 4h 4-pole 4h 5-pole 4h	3-pole 6h 4-pole 9h 5-pole 9h	3-pole 9h 4-pole 6h 5-pole 6h	3-pole 7h 4-pole 7h 5-pole 7h	3-pole 10h 4-pole 10h 5-pole 10h	3-pole 2h 4-pole 2h 5-pole 2h		



CEE wall mounted receptacles switched, with mechanical DUO-interlock								Dim.: page 64/65	
16	3	7010	7002					1	994
16	4	5457	5099	5100	5101			1	1000
16	5	5459	5102	5103			1	1026	
32	3	5743	5696					1	1100
32	4	5460	5104	5105	5106			1	1144
32	5	5462	5107	5108				1	1200



⚠ IP 44 CEE wall mounted receptacles switched, with mechanical DUO-interlock and SoftCONTACT								Dim.: page 64/65	
63	3	6569	6571					3	2260
63	4		5955	5956	5957			3	2305
63	5			5959				3	2530



⚠ IP 44 CEE wall mounted receptacles switched, with mechanical DUO-interlock								Dim.: page 65	
16	3	7273	7274					5	632
16	4		7380	7275				5	700
16	5			7276				5	750



⚠ IP 44 CEE panel mounted receptacles switched, with mechanical DUO-interlock, recessed type								Dim.: page 65	
16	3	7265	7266					5	413
16	4		7382	7267				5	493
16	5			7268				5	532

MENNEKES switch-disconnectors

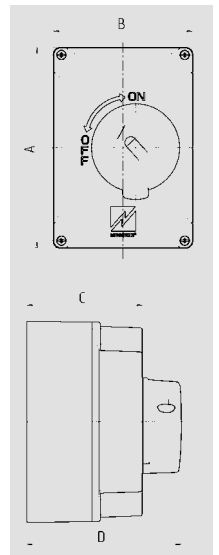
Protection type ⚡ IP 67



Dimensions and article nos.

Products with additional aux. contact (1 x NO and 1 x NC) are lined in blue colour.

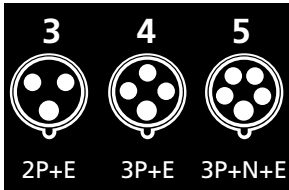
Nominal-current	Motor-capacity AC3/440V	Enclosure dimensions in mm				Article-number	IP-degree
		A	B	C	D		
25A, 3p	7.5 kW	170	118	98	131	52241	IP 67
25A, 3p	7.5 kW	170	118	98	131	52242	IP 67
40A, 3p	18.5 kW	263	168.5	130	161	52243	IP 67
40A, 3p	18.5 kW	263	168.5	130	161	52244	IP 67
80A, 3p	30.0 kW	263	168.5	130	161	52245	IP 67
80A, 3p	30.0 kW	263	168.5	130	161	52246	IP 67



MENNEKES CEE receptacles, switched, interlocked

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



AMPERE	POLES	110 V 50 a. 60 Hz			230 V 50 a. 60 Hz			400 V 50 a. 60 Hz			500 V 50 a. 60 Hz			>50 - 500 V 100-300 Hz			>50 - 500 V a. 300-500 Hz			STD. PACK. QTY.	WEIGHT G/EA.
		3-pole 4h	4-pole 4h	5-pole 4h	3-pole 6h	4-pole 9h	5-pole 9h	3-pole 9h	4-pole 6h	5-pole 6h	3-pole 7h	4-pole 7h	5-pole 7h	3-pole 10h	4-pole 10h	5-pole 10h	3-pole 2h	4-pole 2h	5-pole 2h		



♦♦ IP 67 CEE wall mounted receptacles switched, with mechanical DUO-interlock																			Dim.: page 65	
16	3		7011		7012														1	1010
16	4																		1	1032
16	5																		1	1064
32	3		5924		5793														1	1150
32	4																		1	1180
32	5																		1	1230



♦♦ IP 67 CEE wall mounted receptacles switched, with mechanical DUO-interlock and SoftCONTACT																			Dim.: page 65	
63	3		5925		5911														3	2346
63	4																		3	2360
63	5																		3	2578



♦♦ IP 67 CEE wall mounted receptacles switched, with mechanical DUO-interlock and TorsionSpringCONTACT																			Dim.: page 65	
125	3		7060		7000														1	7200
125	4																		1	7817
125	5																		1	8388



♦♦ IP 67 CEE wall mounted receptacles switched, with mechanical DUO-interlock																			Dim.: page 66	
16	3		7277		7278														5	645
16	4																		5	673
16	5																		5	710

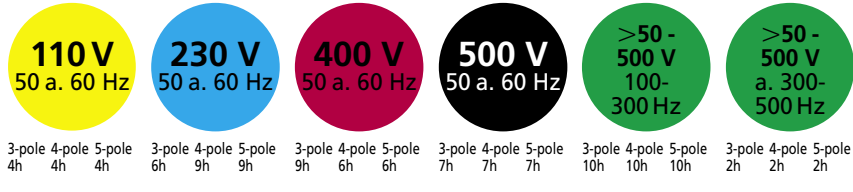
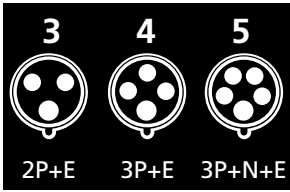


♦♦ IP 67 CEE panel mounted receptacles switched, with mechanical DUO-interlock, recessed type																			Dim.: page 66	
16	3		7269		7270														5	557
16	4																		5	582
16	5																		5	607

MENNEKES CEE receptacles, switched, interlocked, fused

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



STD. PACK. QTY.
WEIGHT G/EA.



▲ IP 44 CEE wall mounted receptacles, switched, with mechanical DUO-interlock, with DIN rail				
16	3	7213		2 1950
16	4		5610	2 2000
16	5		5613	2 2050
32	4		5615	2 2070
32	5		5618	2 2140
SoftCONTACT (63A)				
63	4		6059	1 3900
63	5		6062	1 4050



▲ IP 44 CEE wall mounted receptacles, switched, with mechanical DUO-interlock, fused, with "K"-type MCB				
16	3	7216		2 2090
16	4		7217	2 2400
16	5		7218	2 2450
32	4		7219	2 2480
32	5		7220	2 2550
SoftCONTACT (63A)				
63	4		7221	1 4350
63	5		7222	1 4500



▲▲ IP 67 CEE wall mounted receptacles, switched, with mechanical DUO-interlock, with DIN rail					
16	3	7050		2 1980	
16	4		5630	2 2030	
16	5		5633	2 2080	
32	4		5635	2 2100	
32	5		5638	2 2170	
SoftCONTACT (63A)					
63	4		5640	5641	1 3950
63	5		5643		1 4100



▲▲ IP 67 CEE wall mounted receptacles, switched, with mechanical DUO-interlock, fused, with "K"-type MCB				
16	3	7238		2 2120
16	4		7239	2 2430
16	5		7240	2 2480
32	4		7241	2 2510
32	5		7242	2 2580
SoftCONTACT (63A)				
63	4		7243	1 4400
63	5		7244	1 4500

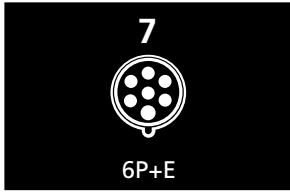


▲▲ IP 67 CEE wall mounted receptacles, switched, with mechanical DUO-interlock, fused, TorsionSpringCONTACT, with TP NH 00 fuse carrier					
🔒 For 125A DUO-receptacles, add-on equipment is required to install a padlock.					
125	4		5679	5693	1 7980
125	5		5695		1 8250

Dimensions of all products shown see page 66.

MENNEKES CEE plugs and receptacles 7 poles with high heat resistant contact carriers and nickel plated contacts

External dimensions to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.



230 V 50 a. 60 Hz	400 V 50 a. 60 Hz	500 V 50 a. 60 Hz
7-pole 9h	7-pole 6h	7-pole 7h

STD. PACK. QTY.
WEIGHT G/EA.



⚠ IP 44 CEE wall mounted receptacles					Dimensions: page 60	
AMPERE	POLES	230 V	400 V	500 V	STD. PACK. QTY.	WEIGHT G/EA.
16	7	733	734	1035	10	335
32	7	735	736	1040	10	451



⚠ IP 44 CEE panel mounted receptacles					Dimensions: page 60/61	
AMPERE	POLES	230 V	400 V	500 V	STD. PACK. QTY.	WEIGHT G/EA.
16	7	737	738	1045	10	216
32	7	739	740	1050	10	300



⚠ IP 44 CEE plugs						
AMPERE	POLES	230 V	400 V	500 V	STD. PACK. QTY.	WEIGHT G/EA.
16	7	741	742	1055	10	195
32	7	743	744	1060	10	298



⚠ IP 44 CEE wall mounted inlets					Dimensions: page 64/65	
AMPERE	POLES	230 V	400 V	500 V	STD. PACK. QTY.	WEIGHT G/EA.
16	7		2166		10	260
32	7		2167		10	430



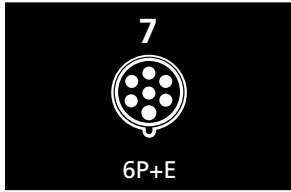
⚠ IP 44 CEE panel mounted inlets					Dimensions: page 64/65	
AMPERE	POLES	230 V	400 V	500 V	STD. PACK. QTY.	WEIGHT G/EA.
16	7	749	750	1075	10	204
32	7	751	752	1080	10	282



⚠ IP 44 CEE connectors						
AMPERE	POLES	230 V	400 V	500 V	STD. PACK. QTY.	WEIGHT G/EA.
16	7	745	746	1065	10	241
32	7	747	748	1070	10	346

MENNEKES CEE plugs and receptacles 7 poles with high heat resistant contact carriers and nickel plated contacts

External dimensions to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request.



230 V 50 a. 60 Hz	400 V 50 a. 60 Hz	500 V 50 a. 60 Hz
7-pole 9h	7-pole 6h	7-pole 7h

STD. PACK. QTY.
WEIGHT G/EA.



♦♦ IP 67 CEE wall mounted receptacles					Dimensions: page 60	
16	7	3240	2746	3262	10	357
32	7	2818	2648	2782	10	480



♦♦ IP 67 CEE panel mounted receptacles					Dimensions: page 61	
16	7	2883	2459	2296	10	240
32	7	3775	2317	2212	10	372



♦♦ IP 67 CEE plugs						
16	7	3776	3777	3913	10	245
32	7	2405	2324	2213	10	349



♦♦ IP 67 CEE panel mounted inlets with protective cover					Dimensions: page 66	
16	7	3779	3914	3780	10	326
32	7	3781	3915	3782	10	436



♦♦ IP 67 CEE connectors						
16	7	3783	3916	3784	10	265
32	7	2406	2255	2460	10	355



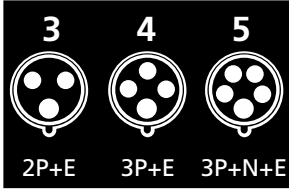
♦♦ IP 67 CEE wall mounted receptacles switched, with mechanical DUO-interlock					Dim.: page 65	
16	7		7306	„Isolator“ 6-pole	1	1360
32	7		7307	6-pole	1	1625
16	7		5785	3-pole	1	1200
32	7		6106	3-pole	1	1369

MENNEKES CEE receptacles and combinations with high resistance to chemicals

to DIN VDE 0623, EN 60309-2. Colour: Grey RAL 7000 and code colour.

Enclosures made of **Amelan**, with **high heat resistant contact carriers** and **nickel plated contacts**.

Other voltages and frequencies available on request.



STD. PACK. QTY.
WEIGHT G/EA.



♦♦ IP 67 CEE wall mounted receptacles Amelan, top and bottom entry			Dim.: page 60	
16	3	3767	10	245
16	4	3768	10	298
16	5	3769	10	342
32	3	3770	10	380
32	4	3771	10	398
32	5	3772	10	450



♦♦ IP 67 CEE wall mounted receptacles Amelan, SoftCONTACT, top and bottom entry			Dim.: page 60	
63	4	3773	5	937
63	5	3774	5	995



♦♦ IP 67 CEE wall mounted receptacles Amelan, switched, with mechanical DUO-interlock			Dim.: page 65	
16	3	7283	1	1017
16	4	7284	1	1031
16	5	7285	1	1085
32	3	7286	1	1165
32	4	7287	1	1253
32	5	7288	1	1419



♦♦ IP 67 CEE wall mounted receptacles Amelan, switched, with mechanical DUO-interlock with SoftCONTACT			Dim.: page 65	
63	4	7289	1	2360
63	5	7290	1	2518



♦♦ IP 67 CEE wall mounted receptacles Amelan, switched, with mechanical DUO-interlock with DIN rail			Dim.: page 66	
16	4	7291	1	2030
16	5	7292	1	2080
32	4	7293	1	2100
32	5	7294	1	2170
SoftCONTACT (63 A)				
63	4	7295	1	3950
63	5	7296	1	4100



♦♦ IP 67 CEE wall mounted receptacles Amelan, switched, with mechanical DUO-interlock with fuse socket			Dim.: page 66	
16	4	7297	1	2230
16	5	7298	1	2280
32	4	7299	1	2300
32	5	7300	1	2370
SoftCONTACT (63 A)				
63	4	7301	1	4150
63	5	7302	1	4300

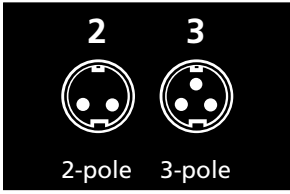
Combinations made of Amelan on request.



MENNEKES CEE wall- and panel mounted receptacles for low voltage

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



AMPERE	POLES	Voltage and Frequency Options						STD. PACK. QTY.	WEIGHT G/EA.
		20-25 V 50 a. 60Hz	40-50 V 50 a. 60Hz	20-25 V 40-50 V 100-200 Hz	20-25 V 40-50 V 300 Hz	20-25 V 40-50 V 400 Hz	20-25 V 40-50 V 400-500 Hz		
		-	12h	4h	2h	3h	11h	10h	



▲ IP 44 CEE wall mounted receptacles									
								Dimensions: page 66/67	
16	2	1825	1831					1829	10 189
16	3	1832	1837	1835					10 209
32	2	1838	1844					1842	10 189
32	3	1845	1850	1848					10 209



▲ IP 44 CEE wall mounted receptacles									
								Dimensions: page 66/67	
16	2	577	578					583	10 260
16	3	584	585	586					10 275
32	2	590	591					596	10 260
32	3	597	598	599					10 275



▲ IP 44 CEE panel mounted receptacles									
								Dimensions: page 66/67	
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



▲ IP 44 CEE panel mounted receptacles									
								Dimensions: page 66/67	
16	2	1602	1603					2617A	10 126
16	3	1657	1661	1823					10 147
32	2	1693	3290					2488A	10 128
32	3	1694	1695	1579					10 138

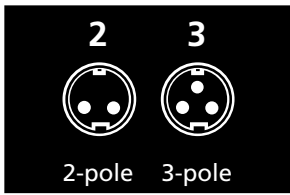


▲ IP 44 CEE panel mounted receptacles									
								Dimensions: page 66/67	
16	2	1270	2855					2841	10 125
16	3	2845	1272	2860					10 143
32	2	1271	2864					2869	10 125
32	3	2870	1273	2852					10 143

MENNEKES CEE plugs, connectors and inlets for low voltage

to DIN VDE 0623, EN 60309-2.

Other voltages and frequencies available on request.



AMPERE	POLES	Voltage and Frequency						STD. PACK. QTY.	WEIGHT G/EA.
		20-25 V 50 a. 60Hz	40-50 V 50 a. 60Hz	20-25 V 40-50 V 100-200 Hz	20-25 V 40-50 V 300 Hz	20-25 V 40-50 V 400 Hz	20-25 V 40-50 V 400-500 Hz		
		-	12h	4h	2h	3h	11h	10h	



⚠ IP 44 CEE plugs with cable sleeve										
16	2	629	630					635	10	140
16	3	636	637	638					10	153
32	2	642	643					648	10	141
32	3	649	650	651					10	155



⚠ IP 44 CEE plugs with cable gland										
16	2	655	656					661	10	163
16	3	662	663	664					10	175
32	2	668	669					674	10	163
32	3	675	676	677					10	177



⚠ IP 44 CEE connectors with cable sleeve										
16	2	681	682					687	10	186
16	3	688	689	690					10	205
32	2	694	695					700	10	184
32	3	701	702	703					10	205



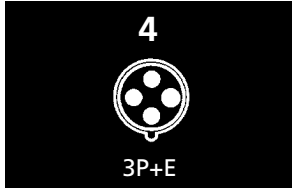
⚠ IP 44 CEE connectors with cable gland										
16	2	707	708					713	10	208
16	3	714	715	716					10	227
32	2	720	721					726	10	208
32	3	727	728	729					10	227



⚠ IP 44 CEE wall mounted inlets										Dimensions: page 66/67	
16	2	1955	1961					1959	10	144	
16	3	1962	1967	1965					10	159	
32	2	1968	1974					1972	10	145	
32	3	1975	1980	1978					10	166	

MENNEKES CEE plugs and receptacles for reefer containers with high heat-resistant contact carriers and nickel plated contacts

Ground contact at 3 o'clock position conforming to DIN VDE 0623, EN 60309-2. Other versions available on request.



CURRENT
POLES
400 V
50 a. 60 Hz
3h
STD. PACK. QTY.
WEIGHT G/EA.



▲▲ IP67 CEE wall mounted receptacle
32 4 2644 10 396

Dimensions page 60



▲▲ IP67 CEE wall mounted receptacle switched, with mechanical DUO-interlock
32 4 5792 1 1180

Dimensions page 65



▲▲ IP67 CEE wall mounted receptacle switched, with mechanical DUO-interlock and DIN rail
32 4 5946 2 2070

Dimensions page 66



CEE panel mounted receptacle
32 4 2123 10 293

Dimensions page 61



▲▲ IP67 CEE plug AM-TOP®
32 4 2175 10 313



▲▲ IP67 CEE connector AM-TOP®
32 4 2177 10 302



On site planning and consultation means that container receptacle combinations can be tailored to individual applications with regard to size and fittings.

The pictures above present only two variations of the large number of combinations available. Please do not hesitate to call us for information and advice.



▲▲ IP67 CEE plug PowerTOP with external cable grip and grommet. Contact pins sealed with gaskets.
32 4 2600 10 324









No water ingress even after extended immersion.

MENNEKES SCHUKO® receptacles, AMAPLAST to DIN 49440-1, 2P+E, 230V

MENNEKES Grounding type panel mounted receptacles

to French/Belgian standards, 16A, 2P+E, 230 V

	COLOUR	CURRENT	VOLTAGE AC	with plug-in terminals	with screw terminals	STD. PACK. QTY.	WEIGHT G/EA.
	⚠ ⚠ IP 54 SCHUKO® panel mounted receptacles, without shutter		Dimensions: page 67				
	with hinged lid, 3 plug-in terminals or 3 screw terminals as connecting terminals for 1.5-2.5 mm ² , flange with four fixing holes						
	Grey	16	230	11010	11030	100	44
	Blue	16	230	11011	11031	20	44
	Black	16	230	11012	11032	100	44
Red	16	230	11013	11033	100	44	
	⚠ ⚠ IP 54 SCHUKO® panel mounted receptacles, with shutter		Dimensions: page 67				
	with hinged lid, 3 plug-in terminals or 3 screw terminals as connecting terminals for 1.5-2.5 mm ² , flange with four fixing holes						
	Grey	16	230	11060	-	100	46
Blue	16	230	11061	11081	100	46	
	⚠ ⚠ IP 20 SCHUKO® panel mounted receptacles		Dimensions: page 67				
	without hinged lid, 3 plug-in terminals or 3 screw terminals as connecting terminals for 1.5-2.5 mm ² , flange with four fixing holes						
	without shutter						
	Blue	16	230	11511	11531	100	38
	Black	16	230	11512	11532	100	38
	with shutter						
	Blue	16	230	11561	11581	100	40
	⚠ ⚠ IP 44 SCHUKO® receptacles or Grounding type panel mounted receptacles, French/Belgian system		Dimensions: page 67				
	with hinged lid, 3 plug-in terminals as connecting terminals for 1.5-2.5 mm ² , SCHUKO® without shutter						
	Grey	16	230	10081	-	10	98
	Blue	16	230	10082	-	10	98
	Black	16	230	10083	-	10	98
	NF with shutter	Blue	16	230	10092	-	10
Receptacles can be linked in a row vertically. Slide on top, slot on bottom of enclosure.							
	⚠ ⚠ IP 44 Grounding type panel mounted receptacles, French/Belgian system		Dim.: page 67				
	with hinged lid, 3 plug-in terminals or 3 screw terminals as connecting terminals for 1.5-2.5 mm ² , flange with four fixing holes						
	without shutter						
	Grey	16	230	11110	-	100	44
	Blue	16	230	11111	-	100	44
	with shutter						
	Grey	16	230	11160	11180	100	46
Blue	16	230	11161	11181	100	46	
Black	16	230	11162	11182	100	46	
	⚠ ⚠ IP 20 Grounding type panel mounted receptacles, French/Belgian system		Dim.: page 67				
	without hinged lid, 3 plug-in terminals or 3 screw terminals as connecting terminals for 1.5-2.5 mm ² , flange with four fixing holes						
	without shutter						
Blue	16	230	11611	11631	100	38	
with shutter							
Blue	16	230	11661	11681	20	40	

MENNEKES Grounding type receptacles

to Danish, Swiss, British and NEMA (USA/Canada) standards

	COLOUR	CURRENT	VOLTAGE AC	with plug-in terminals	with screw terminals	STD. PACK. QTY.	WEIGHT G/EA.
	⚡ IP 44 Grounding type panel mounted receptacles, Danish system with hinged lid, 3 plug-in terminals as connecting terminals for 1.5-2.5 mm ² , flange with four fixing holes without shutter					Dimensions: page 67	
	Grey	13	230	11200	-	100	44
	⚡ IP 20 Grounding type panel mounted receptacles, Danish system without hinged lid, 3 plug-in terminals as connecting terminals for 1-2.5 mm ² , flange with four fixing holes without shutter					Dimensions: page 67	
	Grey	13	230	11700	-	100	38
	⚡ IP 44 Grounding type panel mounted receptacles, Swiss systems Type 23: 16A, 2P+E, 230V, Type 13: 10A, 2P+E, 230V, with hinged lid, without shutter, 3 screw terminals, flange with four fixing holes					Dimensions: page 67	
	Type 23: Receptacle grey, Lid blue	16	230	-	10711	20	40
	⚡ IP 44 Panel mounted receptacles, Swiss systems Type 25: 16A, 5P, 400V, Type 15: 10A, 5P, 400V, with hinged lid, without shutter, 5 screw terminals, flange with four fixing holes					Dimensions: page 67	
	Type 25: Receptacle grey, Lid red	16	400	-	10712	20	65
	⚡ IP 44 Grounding type panel mounted receptacle, UK system with shutter, matching cover frame, with hinged lid and seal, with screw terminals, flange with four fixing holes					Dim.: page 67	
	Black	13	230	-	10713	20	63
	⚡ IP 44 NEMA type panel mounted receptacle for USA and Canada with hinged lid, without shutter, with screw terminals, flange with four fixing holes					Dim.: page 67	
	Blue	15	125	-	10087	20	45

MENNEKES SCHUKO® plugs, connectors and receptacles strips

to DIN 49440-2 / 49440-3 and DIN VDE 0620

MENNEKES SCHUKO® connectors DELTA-BOX

	COLOUR	CURRENT	VOLTAGE AC	Part Numbers	STD. PACK. QTY.	WEIGHT G/EA.
	⚠ IP 44 SCHUKO® plugs with grommet, for cables up to 3 x 2.5 mm ² up to H07RN-F					
	Grey	16	230	10749	20	47
	Black	16	230	10754	20	47
	Orange	16	230	10837	20	47
	Blue	16	230	10838	20	47
	Red	16	230	10839	20	47
	Yellow	16	230	10840	20	47
	⚠ IP 44 SCHUKO® connectors with grommet for cables up to 3 x 2.5 mm ² up to H07RN-F					
	Grey	16	230	10751	10	75
	Black	16	230	10755	10	75
	Orange	16	230	10842	10	75
	Blue	16	230	10843	10	75
	Red	16	230	10844	10	75
	Yellow	16	230	10845	10	75
	⚠ IP 44 SCHUKO® receptacle strip , one M20 cable entry at top (with plug) and one at bottom (threaded). Dimensions 330x80x51 mm 3 SCHUKO® 16A, 230V with terminal Ref. no. 96700 Also acc. to French/Belgian, Danish and Swiss standards.					
						
	⚠ IP 44 DELTA-BOX 3 SCHUKO® 16A, 230V Ref. no. 92798 Also acc. to French/Belgian, Danish and Swiss standards.					
						
	💧 IP 68 DELTA-BOX pressure watertight 3 SCHUKO® 16A, 230V Ref. no. 10860					
						
⚠ IP 44 SCHUKO® receptacle strip , one M20 cable entry at top (with plug) and one at bottom (threaded). Dimensions 330x80x51 mm 4 SCHUKO® 16A, 230V (angled at 30°), with terminal Ref. no. 88678 Also acc. to French/Belgian, Danish and Swiss standards.						
⚠ IP 44 DELTA-BOX 4 SCHUKO® 16A, 230V Ref. no. 92602 Also acc. to French/Belgian, Danish and Swiss standards.						
💧 IP 68 DELTA-BOX pressure watertight 3 SCHUKO® receptacles 16A, 230V, 1.5 m connection cable H07RN-F3G2, with SCHUKO® plug 16A, 230V with hanging clip Ref. no. 92386						

SCHUKO® receptacles, plugs, connectors and inlets
💧 IP 68 pressure watertight, you'll find in the MENNEKES Master Catalogue



MENNEKES receptacle combinations

MENNEKES receptacle combinations are available tailor made in size and equipment to your individual specification.

Robust cases, fitted with CEE receptacles, capable of withstanding the stresses imposed during insertion and withdrawal of the plugs.

Wiring looms consisting of cables, of sufficient cross sectional area, either fitted

with end ferrules or cable lugs or the ends are ultrasonically welded.

Combination units incorporating isolators can be equipped with auxiliary contacts to order.

The illustration to the right is only one of many possibilities. Please provide us with your specification for a quotation.



MENNEKES RCD combinations included in this catalogue, are fitted, as standard, with residual current devices having a rated tripping current of

30 mA, which will provide a high degree of protection against electrocution, to a human being, in an accidental shock situation. Residual

current devices having a rated tripping current of 100 mA or 300 mA are available to special order. It should be noted that a

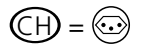
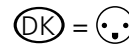
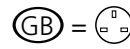
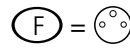
residual current device having a rated tripping current of 300 mA will not provide protection, to a human being, against electrocution.

MENNEKES receptacle combinations, pre-wired for installation

Enclosures and inserts made of **AMAPLAST**.

Protection type Δ IP 44

Combinations can also be supplied with grounding type receptacles to French/Belgian, British, Danish and Swiss standards:



Double Box with CEE and SCHUKO® receptacles in one enclosure

CEE 16A, 4p, 230V, SCHUKO®

Ref. no. 3621

CEE 16A, 4p, 400V, SCHUKO®

Ref. no. 3661

CEE 16A, 5p, 400V, SCHUKO®

Ref. no. 3612

CEE 16A, 4p, 230V, SCHUKO®, with fuse socket G-type, max. 6.3 A H

Ref. no. 3613

CEE 32A, 4p, 230V, SCHUKO®, with fuse socket G-type, max. 6.3 A H

Ref. no. 3614



Enclosure size: 170x118 mm

Cable entry:

1 x M 25 open at the top

2 x M 25 plugged at the bottom

1 CEE 16A, 5p, 400V

2 SCHUKO® 16A, 230V

with terminal

Ref. no. 84441



Enclosure size: 170x118 mm

Cable entry:

1 x M 25 open at the top

2 x M 25 plugged at the bottom

2 SCHUKO® 16A, 230V

2 MCB's 16A, 1p, B

Ref. no. 98364

2 SCHUKO® 16A, 230V

2 MCB's 16A, 1p, B

1 RCD \square 25A, $I_{\Delta N} = 0.03A$

Ref. no. 84439



Enclosure size: 245x160 mm

Cable entry:

1 x M 32 open

1 x M 32 plugged at the top

2 x M 32 plugged at the bottom

1 CEE 32A, 5p, 400V

1 CEE 16A, 5p, 400V

2 SCHUKO® 16A, 230V

with terminal

Ref. no. 95792



Enclosure size: 245x160 mm

Cable entry:

1 x M 32 open

1 x M 32 plugged at the top

2 x M 32 plugged at the bottom

1 CEE 16A, 5p, 400V

1 MCB 16A, 3p, C

2 SCHUKO® 16A, 230V

2 MCB's 16A, 1p, B

Ref. no. 97620

1 CEE 16A, 5p, 400V

1 MCB 16A, 3p, K

2 SCHUKO® 16A, 230V

2 MCB's 16A, 1p, B

Ref. no. 97621



Enclosure size: 245x160 mm

Cable entry: 1 x M 32 open

1 x M 32 plugged at the top

2 x M 32 plugged at the bottom

1 CEE 32A, 5p, 400V

1 MCB 32A, 3p, C

1 CEE 16A, 5p, 400V

2 SCHUKO® 16A, 230V

2 MCB's 16A, 1p, B

Ref. no. 97618

1 CEE 32A, 5p, 400V

1 MCB 32A, 3p, K

2 SCHUKO® 16A, 230V

2 MCB's 16A, 1p, B

Ref. no. 97619



Enclosure size: 245x160 mm

Cable entry: 1 x M 32 open

1 x M 32 plugged at the top

2 x M 32 plugged at the bottom

1 CEE 16A, 5p, 400V

1 MCB 16A, 3p, C

2 SCHUKO® 16A, 230V

2 MCB's 16A, 1p, B

1 RCD \square 40A, $I_{\Delta N} = 0.03A$

Ref. no. 93510

1 CEE 32A, 5p, 400V

1 MCB 32A, 3p, C

2 SCHUKO® 16A, 230V

2 MCB's 16A, 1p, B

1 RCD \square 40A, $I_{\Delta N} = 0.03A$

Ref. no. 92422



Enclosure size: 245x160 mm

Cable entry: 1 x M 32 open

1 x M 32 plugged at the top

2 x M 32 plugged at the bottom

1 CEE 16A, 5p, 400V

2 SCHUKO® 16A, 230V

2 MCB's 16A, 1p, B

1 RCD \square 40A, $I_{\Delta N} = 0.03A$

Ref. no. 97574

1 CEE 32A, 5p, 400V

2 SCHUKO® 16A, 230V

2 MCB's 16A, 1p, B

1 RCD \square 40A, $I_{\Delta N} = 0.03A$

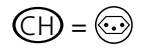
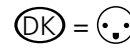
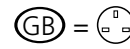
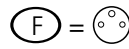
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MENNEKES receptacle combinations, pre-wired for installation

Enclosures and inserts made of **AMAPLAST**.

Protection type \triangle IP 44

Combinations can also be supplied with grounding type receptacles to French/Belgian, British, Danish and Swiss standards:



Enclosure size: 245x160 mm
Cable entry:
1 x M 32 open
1 x M 32 plugged at the top
2 x M 32 plugged at the bottom

1 CEE 32A, 5p, 400V
1 MCB 32A, 3p, C
1 CEE 16A, 5p, 400V
1 MCB 16A, 3p, C
Ref. no. 97432



Enclosure size: 245x160 mm
Cable entry: 1 x M 32 open
1 x M 32 plugged at the top
2 x M 32 plugged at the bottom

1 CEE 16A, 5p, 400V
2 SCHUKO® 16A, 230V with DIN rail for built-in devices (max. 8 modules) with connection cables to rail, N and PE terminal bars
Ref. no. 97428

1 CEE 32A, 5p, 400V
2 SCHUKO® 16A, 230V with DIN rail for built-in devices (max. 8 modules) with connection cables to rail, N and PE terminal bars
Ref. no. 97645



Enclosure size: 245x160 mm

1 CEE 32A, 5p, 400V
2 SCHUKO® 16A, 230V
1 RCD \square 40A, $I_{\Delta N} = 0.03A$
with carrying handle
2 m feeder
cable H07RN-F5G2.5
with CEE plug 16A, 5p, 400V
Ref. no. 95501



Enclosure size: 245x160 mm

2 CEE 16A, 5p, 400V
2 SCHUKO® 16A, 230V
with carrying handle,
2 m feeder
cable H07RN-F5G2.5
with CEE plug 16A, 5p, 400V
Ref. no. 88722



Enclosure size: 341x172 mm
Cable entry: 1 x M 40 open
1 x M 40 plugged at the top
2 x M 40 plugged at the bottom

2 CEE 16A, 5p, 400V
2 MCB's 16A, 3p, C
2 SCHUKO®, 2 MCB's 16A, 1p, B
Preferably with connection for
2 cables of up to 5x25 mm²
Ref. no. 97580

As above, but with
2 MCB's 16A, 3p, K
Ref. no. 97981

As above, but with
2 CEE 32A, 5p, 400V
2 MCB's 32A, 3p, C
Ref. no. 97598



Enclosure size: 341x172 mm
Cable entry: 1 x M 40 open
1 x M 40 plugged at the top
2 x M 40 plugged at the bottom

1 CEE 32A, 5p, 400V
1 MCB 32A, 3p, C
1 CEE 16A, 5p, 400V
1 MCB 16A, 3p, C
2 SCHUKO®, 2 MCB's 16A, 1p, B
Preferably with connection for
2 cables of up to 5x25 m²
Ref. no. 97983

As above, but with
1 MCB 32A, 3p, K
1 MCB 16A, 3p, K
2 MCB's 16A, 1p, B
Ref. no. 96151



Enclosure size: 341x172 mm
Cable entry: 1 x M 40 open
1 x M 40 plugged at the top
2 x M 40 plugged at the bottom

1 CEE 32A, 5p, 400V
1 CEE 16A, 5p, 400V
1 MCB 16A, 3p, C
2 SCHUKO® 16A, 230V
2 MCB's 16A, 1p, B
Preferably with connection for
2 cables of up to 5x25 mm²
Ref. no. 96745

As above, but additionally with
1 RCD \square 40A, $I_{\Delta N} = 0.03A$
Ref. no. 92498



Enclosure size: 341x172 mm
Cable entry: 1 x M 40 open
1 x M 40 plugged at the top
2 x M 40 plugged at the bottom

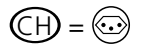
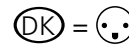
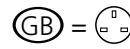
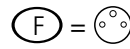
1 CEE 32A, 5p, 400V
1 MCB 32A, 3p, C
1 CEE 16A, 5p, 400V
1 MCB 16A, 3p, C
3 SCHUKO® 16A, 230V
2 MCB's 16A, 1p, B
Preferably with connection for
2 cables of up to 5x25 mm²
Ref. no. 91541

MENNEKES receptacle combinations, pre-wired for installation

Enclosures and inserts made of **AMAPLAST**.

Protection type \triangle IP 44

Combinations can also be supplied with grounding type receptacles to French/Belgian, British, Danish and Swiss standards:



Enclosure size: 460x180 mm
Cable entry: 1 x M 40 open
1 x M 40 plugged at the top
2 x M 40 plugged at the bottom

1 CEE 32A, 5p, 400V
1 MCB 32A, 3p, C
2 CEE 16A, 5p, 400V
2 MCB's 16A, 3p, C
2 SCHUKO® 16A, 230V
2 MCB's 16A, 1p, B
Preferably with connection for
2 cables of up to 5x25 mm²
Ref. no. 92443



Enclosure size: 460x180 mm
Cable entry: 1 x M 40 open
1 x M 40 plugged at the top
2 x M 40 plugged at the bottom

1 CEE 32A, 5p, 400V
1 MCB 32A, 3p, C
1 CEE 16A, 5p, 400V
1 MCB 16A, 3p, C
2 SCHUKO® 16A, 230V
2 MCB's 16A, 1p, B
1 RCD \square 40A, $I_{\Delta N}$ = 0.03A
Ref. no. 97288
As above, but with
1 RCD \square 63A, $I_{\Delta N}$ = 0.03A
Ref. no. 94096



Enclosure size: 460x180 mm
Cable entry: 1 x M 40 open
1 x M 40 plugged at the top
2 x M 40 plugged at the bottom

1 CEE 32A, 5p, 400V
1 MCB 32A, 3p, C
1 CEE 16A, 5p, 400V
1 MCB 16A, 3p, C
3 SCHUKO® 16A, 230V
3 MCB's 16A, 1p, B
1 RCD \square 40A, $I_{\Delta N}$ = 0.03A
Ref. no. 89910



Enclosure size: 460x260 mm
Cable entry: 1 x M 40 open
1 x M 40 plugged at the top
2 x M 40 plugged at the bottom

1 CEE 63A, 5p, 400V
1 MCB 63A, 3p, C
1 CEE 32A, 5p, 400V
1 MCB 32A, 3p, C
1 CEE 16A, 5p, 400V
1 MCB 16A, 3p, C
2 SCHUKO® 16A, 230V
2 MCB's 16A, 1p, B
Preferably with connection for
2 cables of up to 5x25 mm²
Ref. no. 88801



Enclosure size: 460x260 mm
Cable entry: 1 x M 40 open
1 x M 40 plugged at the top
2 x M 40 plugged at the bottom

1 CEE 63A, 5p, 400V
1 CEE 32A, 5p, 400V
1 MCB 32A, 3p, C
1 CEE 16A, 5p, 400V
1 MCB 16A, 3p, C
2 SCHUKO® 16A, 230V
2 MCB's 16A, 1p, B
1 RCD \square 63A, $I_{\Delta N}$ = 0.03A
Preferably with connection for
2 cables of up to 5x25 mm²
Ref. no. 92415



Enclosure size: 520x260 mm
Cable entry: 1 x M 40 open
1 x M 40 plugged at the top
2 x M 40 plugged at the bottom

1 CEE 32A, 5p, 400V
1 MCB 32A, 3p, C
1 CEE 16A, 5p, 400V
1 MCB 16A, 3p, C
6 SCHUKO® 16A, 230V
6 MCB's 16A, 1p, B
1 RCD \square 63A, $I_{\Delta N}$ = 0.03A
Preferably with connection for
2 cables of up to 5x25 mm²
Ref. no. 86196



Enclosure size: 520x260 mm
Cable entry: 1 x M 40 open
1 x M 40 plugged at the top
2 x M 40 plugged at the bottom

1 CEE 32A, 5p, 400V
1 MCB 32A, 3p, C
2 CEE 16A, 5p, 400V
2 MCB's 16A, 3p, C
4 SCHUKO® 16A, 230V
4 MCB's 16A, 1p, B
1 RCD \square 63A, $I_{\Delta N}$ = 0.03A
Preferably with connection for
2 cables of up to 5x25 mm²
Ref. no. 86197



Enclosure size: 520x260 mm
Cable entry: 1 x M 40 open
1 x M 40 plugged at the top
2 x M 40 plugged at the bottom

1 CEE 32A, 5p, 400V
1 MCB 32A, 3p, C
1 CEE 16A, 5p, 400V
1 MCB 16A, 3p, C
4 SCHUKO® 16A, 230V
4 MCB's 16A, 1p, B
1 RCD \square 40A, $I_{\Delta N}$ = 0.03A
Preferably with connection for
2 cables of up to 5x25 mm²
Ref. no. 84017

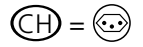
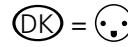
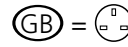
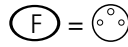
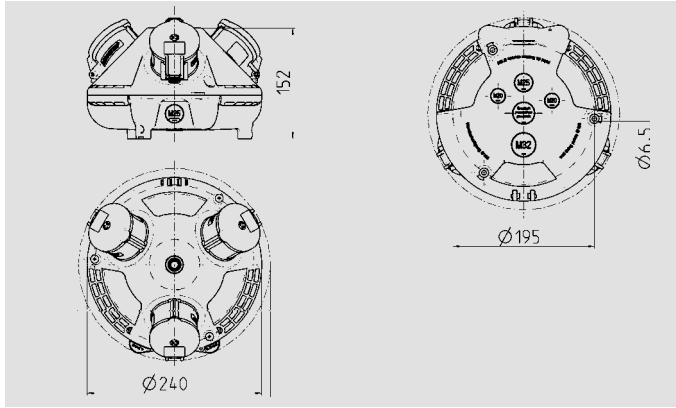
MENNEKES 3KRAFT receptacle combinations, pre-wired for installation

Enclosures and inserts made of **AMAPLAST**.

Colours: Back box in black, cover available in red (RO), yellow (GE) or silver (SI)

Protection type **IP 44**

Combinations can also be supplied with grounding type receptacles to French/Belgian, British, Danish and Swiss standards:



Cable entries on top: closed for cut off
1 x M 32, 1 x M 25, 2 x M 20, 1 outlet for compressed air connection. Cable entries from the side (for wall mounting or portable): closed, for cut off, 1 x 25.

When ordering 3KRAFT, please note:

The colour code of the cover colour required should be added to the ref. No.

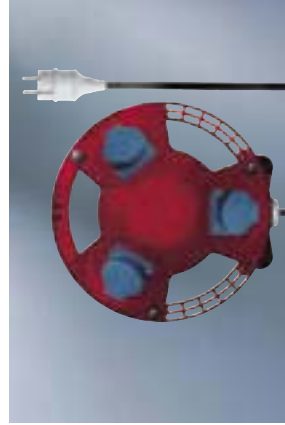
Red = RO, Yellow = GE, Silver = SI



3KRAFT receptacle combinations

1 CEE 16A, 5p, 400V
2 SCHUKO® 16A, 230V
with 3m of feeder cable
H07RN-F5G2.5 with CEE plug
16A, 5p, 400V
Ref. no. 94356

1 CEE 16A, 5p, 400V
2 SCHUKO® 16A, 230V
Ref. no. 94350



3KRAFT receptacle combinations

3 SCHUKO® 16A, 230V
with 3m of feeder cable
H07RN-F5G1.5 with SCHUKO plug
16A, 230V
Ref. no. 94357

3 SCHUKO® 16A, 230V
Ref. no. 94351



3KRAFT receptacle combinations

3 CEE 16A, 5p, 400V
Ref. no. 94358

1 CEE 32A, 5p, 400V
1 CEE 16A, 5p, 400V
1 SCHUKO® 16A, 230V
Ref. no. 94353



3KRAFT receptacle combinations

1 CEE 16A, 5p, 400V
1 CEE 16A, 3p, 230V
1 SCHUKO® 16A, 230V
Ref. no. 94359

2 CEE 16A, 5p, 400V
1 SCHUKO® 16A, 230V
Ref. no. 94352



3KRAFT receptacle combinations

2 SCHUKO® 16A, 230V,
1 RJ45 double for data cables
cat. 5e
Ref. no. 94354

1 CEE 16A, 5p, 400V
1 SCHUKO® 16A, 230V
1 RJ45 double for data cables
cat. 5e
Ref. no. 94355



Set of chains for suspension from the ceiling

for 3KRAFT
Ref. no. 106123
for AirKRAFT
Ref. no. 106060



Handle

Ref. no. 195047

Quick coupling for compressed air
next page.

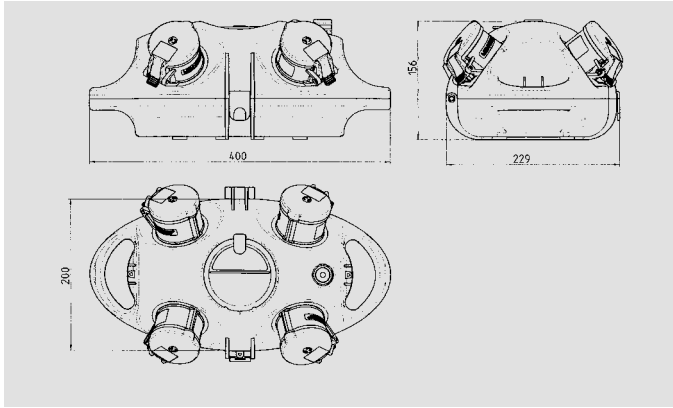
MENNEKES AirKRAFT receptacle combinations, pre-wired for installation

Enclosures and inserts made of **AMAPLAST**.

Colours: Back box in black, cover available in red (RO), yellow (GE) or silver (SI)

Protection type Δ IP 44

Combinations can also be supplied with grounding type receptacles to French/Belgian, British, Danish and Swiss standards:



Fusing (4 segments) neath transparent lid, cable entries on top: closed for cut off
 1 x M 32, 1 x M 25, 2 x M 20, 1 outlet for compressed air connection. Cable entries from the side (for wall mounting or portable): closed, for cut off, 1 x 25.

When ordering AirKRAFT, please note:

The colour code of the cover colour required should be added to the ref. No.

Red = RO, Yellow = GE, Silver = SI



AirKRAFT receptacle combinations

4 SCHUKO® 16A, 230V

Ref. no. 94551

as above, but with
 1 RCD \square 40A, 4p, $I_{\Delta N} = 0,03A$
Ref. no. 94566

4 SCHUKO® 16A, 230V
 with feeder cable, 3m,
 H07RN-F3G1,5 with SCHUKO® plug
 16A, 230 V
Ref. no. 94557



AirKRAFT receptacle combinations

1 CEE 16A, 5p, 400V
 3 SCHUKO® 16A, 230V

Ref. no. 94550

as above, but with feeder cable, 3 m,
 H07RN-F5G2,5 with CEE plug 16A,
 5p, 400V **Ref. no. 94556**

1 CEE 16A, 5p, 400V
 1 MCB 16A, 3p, C
 3 SCHUKO® 16A, 230V
 1 MCB 16A, 1p, B with feeder cable,
 3 m, H07RN-F5G4 with CEE plug 32A,
 5p, 400V
Ref. no. 94559



AirKRAFT receptacle combinations

2 CEE 16A, 5p, 400V
 2 SCHUKO® 16A, 230V

Ref. no. 94552

as above, but with
 1 RCD \square 40A, 4p, $I_{\Delta N} = 0,03A$
Ref. no. 94553



AirKRAFT receptacle combinations

2 CEE 16A, 5p, 400V and 2 SCHUKO®
 with feeder cable, 3m, H07RN-F5G4
 with CEE plug 16A, 5p, 400V

Ref. no. 94558

1 CEE 32A, 5p, 400V
 1 CEE 16A, 5p, 400V
 1 MCB 16A, 3p, C
 2 SCHUKO®, 1 MCB 16A, 1p, B
Ref. no. 94564

as above, but with feeder cable,
 3 m, H07RN-F5G4
 with CEE plug 32A, 5p, 400V
Ref. no. 94565



AirKRAFT receptacle combinations

3 SCHUKO® 16A, 230V,
 1 RJ45 double data port cat. 5e

Ref. no. 94554

1 CEE 16A, 5p, 400V
 2 SCHUKO® 16A, 230V
 1 RJ45 double data port cat. 5e
Ref. no. 94555



Compressed air quick coupling
 NW 9 mm

Ref. no. 208620

Compressed air quick coupling
 NW 13 mm

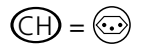
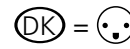
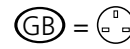
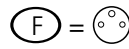
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Chain set for ceiling installation
 see previous page.

MENNEKES receptacle strips, pre-wired for installation, with cable grip DELTA BOX receptacle combinations, with cable grip, pre-wired for installation

Enclosures and inserts made of **AMAPLAST**.
Protection type ▲ IP 44 or ▲▲ IP67

Combinations can also be supplied with
grounding type receptacles to
French/Belgian, British, Danish and Swiss standards:



▲ IP 44 receptacle strip
Enclosure size: 401x97 mm
Cable entry:
1 x M 20 plugged at the top
1 x M 20 with gland at the bottom

3 CEE 16A, 5p, 400V
with terminal
Ref. no. 96705



▲ IP 44 receptacle strip
Enclosure size: 401x97 mm
Cable entry:
1 x M 20 plugged at the top
1 x M 20 with gland at the bottom

2 CEE 16A, 5p, 400V
1 CEE 16A, 3p, 230V
with terminal
Ref. no. 96704



▲ IP 44 receptacle strip
Enclosure size: 401x97 mm
Cable entry:
1 x M 20 plugged at the top
1 x M 20 with gland at the bottom

2 CEE 16A, 5p, 400V
1 SCHUKO® 16A, 230V
with terminal
Ref. no. 96703



▲ IP 44 receptacle strip
Enclosure size: 401x97 mm
Cable entry:
1 x M 20 plugged at the top
1 x M 20 with gland at the bottom

1 CEE 16A, 5p, 400V
2 SCHUKO® 16A, 230V
with terminal
Ref. no. 96438



DELTA-BOX

▲ IP 44
3 CEE 16A, 5p, 400V
Ref. no. 92917

▲▲ IP 67
3 CEE 16A, 5p, 400V
Ref. no. 92912

▲ IP 44
3 CEE 32A, 5p, 400V
Ref. no. 90839



DELTA-BOX

▲ IP 44
2 CEE 16A, 5p, 400V
1 SCHUKO®, 16A, 230V
Ref. no. 92916

▲▲ IP 67
2 CEE 16A, 5p, 400V
1 SCHUKO®, 16A, 230V
Ref. no. 92911



DELTA-BOX

▲ IP 44
1 CEE 16A, 5p, 400V
2 SCHUKO®, 16A, 230V
Ref. no. 92915

▲▲ IP 67
1 CEE 16A, 5p, 400V
2 SCHUKO®, 16A, 230V
Ref. no. 92910



DELTA-BOX

▲ IP 44
1 CEE 16A, 5p, 400V
3 SCHUKO®, 16A, 230V
Ref. no. 92658

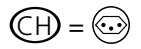
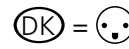
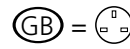
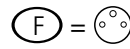
Hanging clip enclosed with each
DELTA BOX.

MENNEKES EverGUM receptacle combinations, wall-mounted

MENNEKES EverGUM receptacle strips, wall-mounted, with hanging clip, portable

Solid rubber enclosures, **signal yellow**, ready wired for installation.
Protection type Δ IP 44

Combinations can also be supplied with grounding type receptacles to French/Belgian, British, Danish and Swiss standards:



Enclosure size: 380x230 mm
Cable entry:
top 1 x M 40 with threaded cable gland
and 1 x M 40 plugged
bottom 2 x M 40 plugged
Space for 12 modules (17.5 mm)
1 CEE 32A, 5p, 400V
1 MCB 32A, 3p, C
1 CEE 16A, 5p, 400V
1 MCB 16A, 3p, C
3 SCHUKO® 16A, 230V
3 MCB's 16A, 1p, B
Connections for two cables
of up to 5x25 mm²
Ref. no. 70007



Enclosure size: 380x230 mm
Cable entry:
top 1 x M 40 with threaded cable gland
and 1 x M 40 plugged
bottom 2 x M 40 plugged
Space for 12 modules (17.5 mm)
1 CEE 32A, 5p, 400V
1 Neozed D 02, 3p
1 CEE 16A, 5p, 400V
1 Neozed D 01, 3p
3 SCHUKO® 16A, 230V
3 Neozed D 01, 1p
Connections for two cables
of up to 5x25 mm²
Ref. no. 70039



Enclosure size: 380x230 mm
Cable entry: top 1 x M 40 with threaded
cable gland and 1 x M 40 plugged
bottom 2 x M 40 plugged
Space for 12 modules (17.5 mm)
1 CEE 32A, 5p, 400V
1 MCB 32A, 3p, C
1 CEE 16A, 5p, 400V
1 MCB 16A, 3p, C
2 SCHUKO® 16A, 230V
1 MCB 16A, 1p, B
1 RCD Δ 63A, I_{AN} = 0.03A
Connections for two cables
of up to 5x25 mm²
Ref. no. 70005



Enclosure size: 380x320 mm
Cable entry: top 1 x M 40 with threaded
cable gland and 1 x M 40 plugged
bottom 2 x M 40 plugged
Space for 16 modules (17.5 mm)
1 CEE 63A, 5p, 400V
1 Neozed D 02, 3p
1 CEE 32A, 5p, 400V
1 MCB 32A, 3p, C
1 CEE 16A, 5p, 400V
1 MCB 16A, 3p, C
2 SCHUKO® 16A, 230V
1 MCB 16A, 1p, B
1 RCD Δ 63A, I_{AN} = 0.03A
Connections for two cables
of up to 5x25 mm²
Ref. no. 70545



Enclosure size: 445x135 mm
1 CEE 16A, 5p, 400V
2 SCHUKO® 16A, 230V
2 MCB's 16A, 1p, B
1 RCD Δ 40A, 4p, I_{AN} = 0.03A
Feeder cable 2 m H07RN-F5G2.5
with CEE plug 16A, 5p, 400V
Ref. no. 70033



Enclosure size: 445x135 mm
3 CEE 16A, 5p, 400V
Feeder cable 2 m H07RN-F5G2.5
with CEE plug 16A, 5p, 400V
Ref. no. 70029



Enclosure size: 445x135 mm
1 CEE 16A, 5p, 400V
4 SCHUKO® 16A, 230V
Feeder cable 2 m H07RN-F5G2.5
with CEE plug 16A, 5p, 400V
Ref. no. 70028

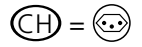
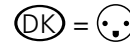
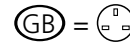
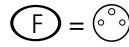


Enclosure size: 445x135 mm
4 SCHUKO® 16A, 230V
1 RCD Δ 25A, 2p, I_{AN} = 0.03A
Feeder cable 2 m H07RN-F3G1.5
with SCHUKO® plug 16A, 230V
Ref. no. 70027

MENNEKES EverGUM receptacle combinations, portable

Solid rubber enclosures, **signal yellow**, ready wired for installation.
Protection type Δ IP 44

Combinations can also be supplied with grounding type receptacles to French/Belgian, British, Danish and Swiss standards:



Enclosure size: 300x230x287.5 mm

- 1 CEE 32A, 5p, 400V
 - 2 CEE 16A, 5p, 400V
 - 2 Neozed D 01, 3p
 - 4 SCHUKO® 16A, 230V
 - 2 Neozed D 01, 1p
 - Feeder cable 2 m H07RN-F5G4 with CEE plug 32A, 5p, 400V
- Ref. no. 70433**

Dimensions: page 67



Enclosure size: 300x230x287.5 mm

- 1 CEE 32A, 5p, 400V
 - 1 CEE 16A, 5p, 400V
 - 1 MCB 16A, 3p, C
 - 4 SCHUKO® 16A, 230V
 - 2 MCB's 16A, 1p, B
 - 1 RCD \square 40A, 4p, $I_{AN} = 0.03A$ with inlet 32A, 5p, 400V
- Ref. no. 70349**

Dimensions: page 67



Enclosure size: 300x230x287.5 mm

- 2 CEE 16A, 5p, 400V
 - 4 SCHUKO® 16A, 230V
 - 1 RCD \square 40A, 4p, $I_{AN} = 0.03A$
 - Feeder cable 2 m H07RN-F5G2.5 with CEE plug 16A, 5p, 400V
- Ref. no. 70352**

Dimensions: page 67



Enclosure size: 300x230x287.5 mm

- 2 CEE 16A, 5p, 400V
 - 4 SCHUKO® 16A, 230V
 - Feeder cable 2 m H07RN-F5G2.5 with CEEform plug 16A, 5p, 400V
- Ref. no. 70434**

Dimensions: page 67



Enclosure size: 360x340x330 mm

- 1 CEE 63A, 5p, 400V
 - 1 CEE 32A, 5p, 400V
 - 1 Neozed D 02, 3p
 - 1 CEE 16A, 5p, 400V
 - 1 Neozed D 01, 3p
 - 4 SCHUKO®, 16A, 230V
 - 2 Neozed D 01, 1p
 - 1 RCD \square 63A, $I_{AN} = 0.03A$ with inlet 63A, 5p, 400V
- Ref. no. 70441**

Dimensions: page 67



Enclosure size: 360x340x330 mm

- 1 CEE 63A, 5p, 400V
 - 1 CEE 32A, 5p, 400V
 - 1 MCB 32A, 3p, C
 - 1 CEE 16A, 5p, 400V
 - 1 MCB 16A, 3p, C
 - 4 SCHUKO® 16A, 230V
 - 2 MCB's 16A, 1p, B
 - 1 RCD \square 63A, $I_{AN} = 0.03A$
 - Feeder cable 3 m H07RN-F5G10 with CEE plug 63A, 5p, 400V
- Ref. no. 70025**

Dimensions: page 67



Enclosure size: 300x230x287.5 mm

- 1 CEE 32A, 5p, 400V
 - 2 CEE 16A, 5p, 400V
 - 2 Neozed D 01, 3p
 - 4 SCHUKO®, 2 Neozed D 01, 1p with inlet 32A, 5p, 400V
- Ref. no. 70276**
- 1 CEE 32A, 5p, 400V
 - 1 CEE 16A, 5p, 400V
 - 1 MCB 16A, 3p, C
 - 4 SCHUKO® 16A, 230V
 - 2 MCB's 16A, 1p, B
 - 1 RCD \square 40A, 4p, $I_{AN} = 0.03A$
 - Feeder cable 2 m H07RN-F5G4 with CEE plug 32A, 5p, 400V
- Ref. no. 70351**

Dimensions: page 67



Dimensions: page 67





As **Ref. no. 70276** (on the left):
Ref. no. 70855 ■ Red
Ref. no. 70853 ■ Black

As **Ref. no. 70351** (on the left):
Ref. no. 70856 ■ Red
Ref. no. 70854 ■ Black

Other variations available on request!

MENNEKES AMAPLAST enclosures

Colour: electric grey. On request with holes for cable entries.

	EXTERNAL DIMENSIONS mm	INTERNAL DIMENSIONS mm		CAT. NO.	PROTECTION TYPE	PACKING	WEIGHT G/EA.
	AMAPLAST enclosures						
	170x118x64	158x108x55	Box	10176	☼☼ IP67	as required	335
			Baseplate	10177			50
	170x118x96	158x108x85	Box	10178	☼☼ IP67	as required	392
			Baseplate	10177			50
	245x161x101	230x145x85	Box	10179	☼ IP44	as required	660
		Baseplate	10180		80		
341x172x107	320x152x95	Box	10181	☼ IP44	as required	920	
		Baseplate	10182			110	
	AMAPLAST enclosures						
	245x161x151	230x145x137	Box without hinge	10696	☼ IP44	as required	839
			Baseplate	10180			80
	245x161x116	230x145x102	Box with hinge	10757	☼ IP44	as required	725
			Baseplate	10180			80
	341x172x149	320x152x135	Box without hinge	10679	☼ IP44	as required	1035
		Base plate	10182		110		
341x172x149	320x152x135	Box with hinge	10758	☼ IP44	as required	1045	
		Baseplate	10182			110	
	AMAPLAST enclosures						
	264x163x126	250x150x110	Box	10183	☼☼ IP67	as required	1138
			Baseplate	10184			125
	264x163x126	250x150x110	Box cover / base*	10185	☼☼ IP67	as required	1138
		Baseplate	10184		125		
	AMAPLAST enclosures						
	460x180x148	406x126x131	Box	10441	☼☼ IP67	as required	2095
			Baseplate**	10443			410
	460x180x148	406x126x131	Box cover / base*	10442	☼☼ IP67	as required	2095
			Baseplate**	10443			410
	460x260x150	441x195x128	Box	10186	☼☼ IP67	as required	2900
			Baseplate	10187			550
	460x260x150	441x195x128	Box cover / base*	10188	☼☼ IP67	as required	2900
		Baseplate	10187		550		
460x260x228	437x194x208	Box	10189	☼☼ IP67	as required	3450	
		Baseplate	10187			550	

* Colour: Transparent / Electric grey

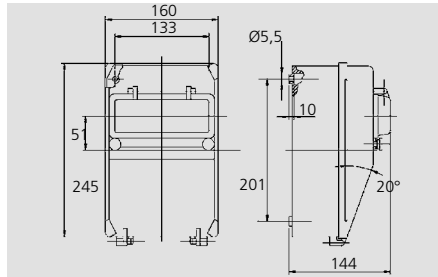
** Metal zinced

MENNEKES AMAPLAST enclosures for combinations

with window and mounting rail

Polycarbonate enclosures
Protection type Δ IP 44

Part No.



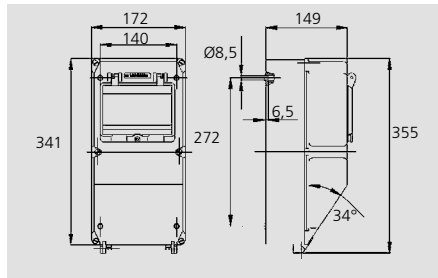
For 8 modules **1083100**

Cable entries:

top: 2 x M32 x 1.5, on the right, plugged,
on the left open

bottom: 2 x M32 x 1.5, with DIN rail,
with N and PE terminals

Dimensions: 245 x 160 mm



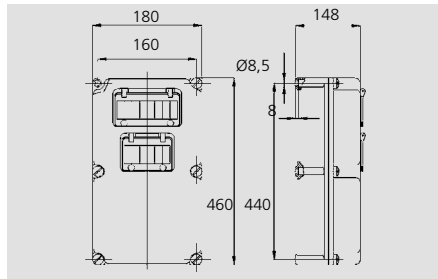
For 8 modules **1084100**

Cable entries:

top: 2 x M40 x 1.5, on the right,
on the left open

bottom: 2 x M40 x 1.5, with DIN rail,
with N and PE terminals

Dimensions: 341 x 172 mm



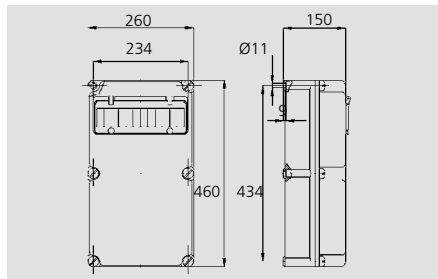
For 8 + 6 modules **1089200***

Cable entries:

top: 2 x M40 x 1.5, on the right,
on the left open

bottom: 2 x M40 x 1.5, with DIN rail,
with N and PE terminals

Dimensions: 460 x 180 mm



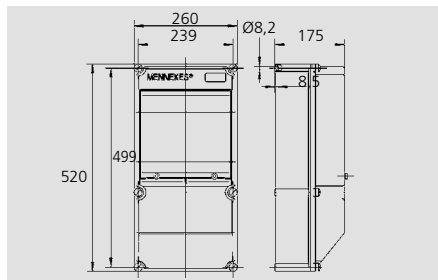
For 12 modules **1086100***

Cable entries:

top: 2 x M40 x 1.5, on the right,
on the left open

bottom: 2 x M40 x 1.5, with DIN rail,
with N and PE terminals

Dimensions: 460 x 260 mm



For 12 + 12 modules **1087200***

Cable entries:


top: 2 x M40 x 1.5, on the right,
on the left open

bottom: 2 x M40 x 1.5, with DIN rail,
with N and PE terminals

Dimensions: 520 x 260 mm

* also IP 67 possible

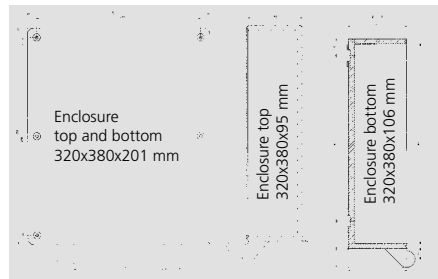
MENNEKES EverGUM solid rubber enclosures, signal yellow

Protection type  IP 44

Also available with hinged window (stainless steel screws),
mounting rail

Components

Ref. no.

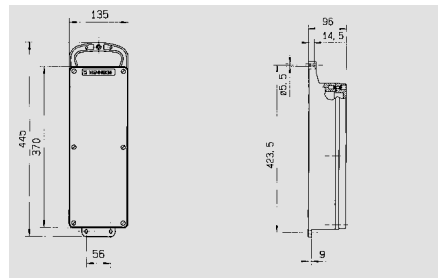


Wall mounted enclosure

70850

hinged lid, without entries
with N+PE terminal

Dimensions: 320x380x201 mm

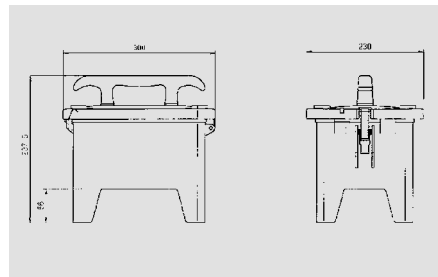


Receptacle strip, portable

70062

without entries
with N+PE terminal

Dimensions: 445x135x96 mm

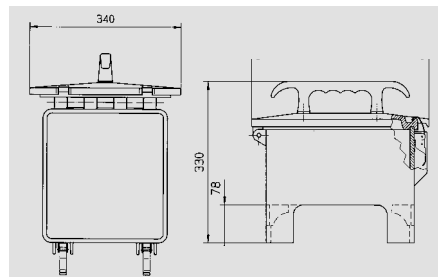


Compact enclosure, portable, stackable

70385

hinged lid, with stainless steel
quick-release, without entries
with DIN rail
for 12 modules (17.5 mm),
with N+PE terminal

Dimensions: 300x230x287.5 mm



Maxi enclosure, portable, stackable

hinged lid, with two stainless steel
quick-releases, without entries

with N+PE terminal

70061

with 1 DIN rail
for 12 modules (17.5 mm),
without N+PE terminal

70061ZA

with 2 DIN rails
for 12 modules (17.5 mm),
with N+PE terminal

70061ZB

Dimensions: 360x340x330 mm

Other components available on request.

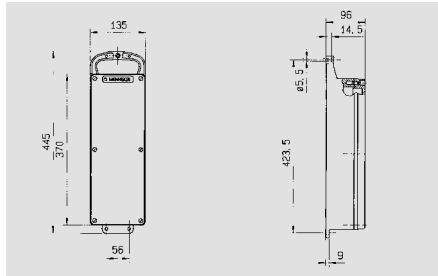
**EverGUM solid rubber enclosures
also available in black.
Please contact us.**

MENNEKES EverGUM solid rubber enclosures for combinations

with window and mounting rail

Solid rubber receptacle, signal yellow
Protection type Δ IP 44

With hinged window (stainless steel screws),
mounting rail, grounding terminal



Receptacle strip

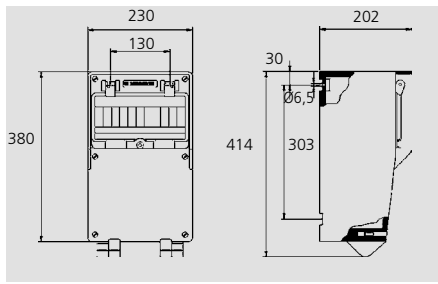
Ref. no.

70117

portable

For 6 modules (17.5 mm)

Dimensions: 445x135x96 mm

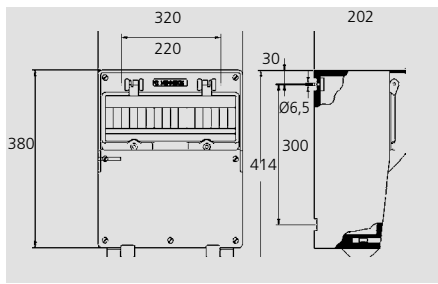


Wall mounted enclosure

70060

12 modules (17.5 mm)

Dimensions: 380x230x202 mm



Wall mounted enclosure

70059

16 modules (17.5 mm)

Dimensions: 380x230x202 mm

The new wall mounted enclosure is the ideal solution for safe power distribution of higher loads, e. g. with bus systems or larger conductor cross sections.





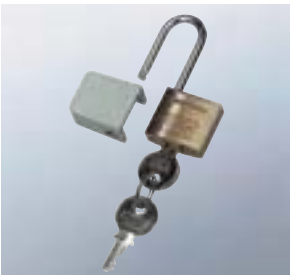

The picture show our flexibility to meet customer requirements.

Please contact our industry consultants and design specialists. We are here to answer your questions.



MENNEKES hinged windows AMAPLAST plus accessories

On demand padlockable hinged windows are available. Please contact us.

SIZE	FRAME COLOUR	WINDOW	REF. NO.	PACKING	WEIGHT G/EA.
Hinged windows with protective cover, with knurled screws ▲▲ IP67					
 6 modules (17.5 mm)	Electric grey	Smoked	40986	as required	139
8 modules (17.5 mm)	Electric grey	Smoked	40979		169
12 modules (17.5 mm)	Electric grey	Smoked	40981		215
Installation kit for hinged window with protective cover for fitting modules in doors and enclosure covers					
 6 modules (for hinged window 40986)			41431	as required	99
8 modules (for hinged window 40979)			41432		113
12 modules (for hinged window 40981)			41433		141
Hinged windows without protective cover, with knurled screws ▲▲ IP67					
 6 modules	Electric grey	Smoked	40985	as required	108
8 modules	Electric grey	Smoked	40978		119
12 modules	Electric grey	Smoked	40980		158
Hinged window with knurled screws ▲ IP44					
 2 modules without protective cover	Electric grey	Smoked	40444	as required	43
5 modules without protective cover ¹⁾	Electric grey	Smoked	40871		68
5 modules with protective cover ¹⁾	Electric grey	Smoked	40243		94
	¹⁾ without springs to close window automatically				
 Locking device with padlock for padlocking of the hinged window on MENNEKES receptacle combination units with small and middle enclosure sizes.	Ref. no.	41501			
					


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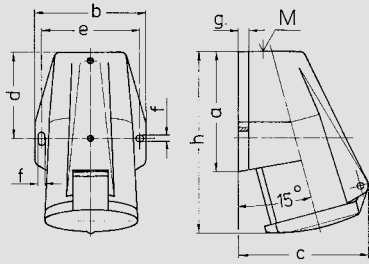
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5102	31	5641	33	690	38	728	38	847	25	954	22
5103	31	5643	33	694	38	7280	32	853	24	95501	45
5104	31	565	30	695	38	7283	36	854	27	95792	44
5105	31	5679	33	700	38	7284	36	855	28	96151	45
5106	31	569	30	7000	32	7285	36	856	16	964	17
5107	31	5690	32	70005	50	7286	36	859	27	96438	49
5108	31	5691	32	70007	50	7287	36	86196	46	965	29
5109	32	5692	32	7002	31	7288	36	86197	46	966	17
511	29	5693	33	70025	51	7289	36	88678	42	96700	42
5110	32	5695	33	70027	50	729	38	88722	45	96703	49
5111	32	5696	31	70028	50	7290	36	88801	46	96704	49
5112	32	5743	31	70029	50	7291	36	890	22	96705	49
5113	32	5759	32	70033	50	7292	36	891	22	96745	45
512	29	577	37	70039	50	7293	36	89910	46	968	17
513	29	578	37	70059	55	7294	36	903	19	969	17
514	29	5785	35	70060	55	7295	36	905	19	972	25
515	29	5792	39	70061	54	7296	36	907	20	97288	46
516	29	5793	32	70061ZA	54	7297	36	908	17	97428	45
517	29	583	37	70061ZB	54	7298	36	90839	49	97573	44
518	29	584	37	70062	54	7299	36	913	28	97574	44
519	29	585	37	701	38	7300	36	91541	45	97580	45
521	29	586	37	7010	31	7301	36	917	17	97598	45
522	29	5887	32	7011	32	7302	36	918	17	976	17
52241	31	5888	32	70117	55	7306	35	919	25	97618	44
52242	31	590	37	7012	32	7307	35	921	26	97619	44
52243	31	591	37	702	38	733	34	922	26	97620	44
52244	31	5911	32	70276	51	734	34	92386	42	97621	44
52245	31	5924	32	703	38	735	34	924	25	97645	45
52246	31	5925	32	70349	51	736	34	92415	46	979	29
523	29	5946	39	70350	51	737	34	92422	44	97981	45
524	29	5955	31	70351	51	738	34	92443	46	97983	45
525	29	5956	31	70352	51	7380	31	92498	45	980	29
526	29	5957	31	70385	54	7381	32	92602	42	98364	44
527	29	5959	31	70433	51	7382	31	92658	49	985	17
528	29	596	37	70434	51	7383	32	92798	42	990	17
529	29	597	37	70435	51	739	34	929	17	993	29
530	29	598	37	70441	51	740	34	92910	49	994	29
531	29	599	37	7050	33	741	34	92911	49	995	17
539	30	6	29	70545	50	742	34	92912	49	996	29
540	30	603	37	7060	32	743	34	92915	49	997	20
541	30	604	37	707	38	744	34	92916	49	998	20
542	30	6059	33	708	38	745	34	92917	49	999	17
543	30	6062	33	70850	54	746	34	930	17		
544	30	609	37	70853	51	747	34	931	25		
545	30	610	37	70854	51	748	34	932	25		
5457	31	6106	35	70855	51	749	34	933	25		
5459	31	611	37	70856	51	750	34	934	25		
546	30	612	37	713	38	751	34	935	25		
5460	31	616	37	714	38	752	34	93510	44		
5462	31	617	37	715	38	800	25	937	27		
547	30	622	37	716	38	8001	26	938	25		
548	30	623	37	720	38	801	25	939	25		
549	30	624	37	721	38	810	24	94096	46		

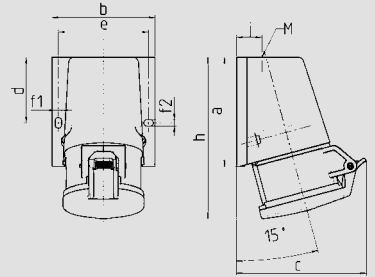
Drawings and dimensions

Page 16, Fig. 1

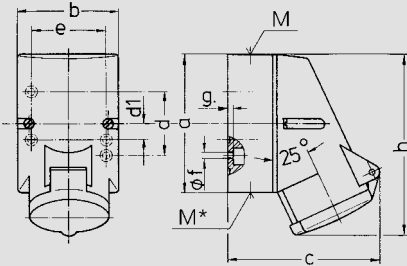


Drawing	Amp.	16			32		
		Pole			Pole		
1 MB 205		3	4	5	3	4	5
Dim. in mm	a	91	91	91	102	102	102
	b	73	79	87	89	89	94
	c	86	93	99	108	108	114
	d	55	55	56,4	62	62	62
	e	62	68	76	77,5	77,5	84
	f	5,3	5,3	5,3	5,3	5,3	5,3
	g	8	8	9	10	10	10
	h	132	132	132	153	153	153
	M	20	25	25	25	25	32
Max. cable dia. (mm)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

Page 17, Fig. 1

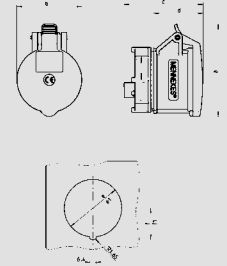


Page 16, Fig. 2; Page 17, Fig. 2

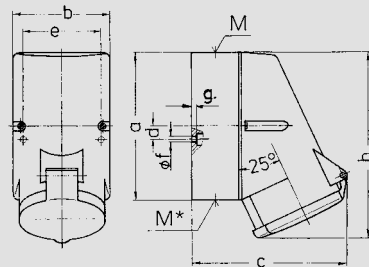


Drawing	Amp.	16		
		Pole		
1 MB 209		3	4	5
Dim. in mm	a	87	100	100
	b	64	75	75
	c	99	110	113
	d	40	—	—
	d1	—	11	11
	e	50	59	59
	f	4,5	5	5
	g	4	4	4
	h	115	125	128
	M	20	25	25
	M*		blind	blind
			to be cut out	to be cut out
Max. cable dia. (mm)		13	18	18
Cond. cross section (mm ²) min. - max.		1,5 - 4	1,5 - 4	1,5 - 4

Page 17, Fig. 5; Page 20, Fig. 5

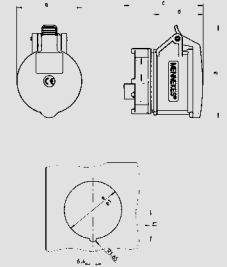


Page 16, Fig. 3; Page 17, Fig. 3; Page 34, Fig. 1

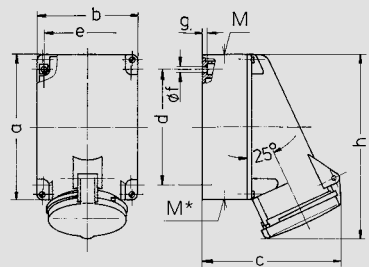


Drawing	Amp.	16		32		
		Pole		Pole		
1 MB 43		4	5/7	3	4	5/7
Dim. in mm	a	128	128	128	128	128
	b	84	84	84	84	84
	c	122	124	136	136	138
	d	11	11	11	11	11
	e	68	68	68	68	68
	f	5,3	5,3	5,3	5,3	5,3
	g	4	4	4	4	4
	h	144	145	158	158	160
	M	25	25	32	32	32
	M*		for 2x M 25 (blind)		for 2x M 25 (blind)	
			to be cut out		to be cut out	
Max. cable dia. (mm)		18	18	18/25	18/25	18/25
Cond. cross section (mm ²) min. - max.		1,5 - 4	1,5 - 4	2,5 - 10	2,5 - 10	2,5 - 10

Page 17, Fig. 6; Page 20, Fig. 6

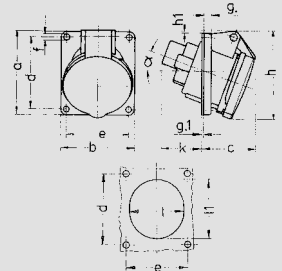


Page 16, Fig. 4

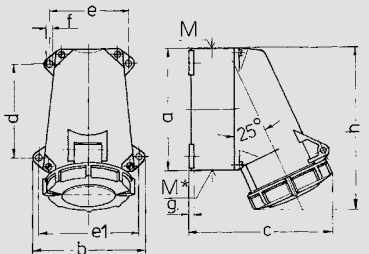


Drawing	Amp.	63		
		Pole		
1 MB 213		3	4	5
Dim. in mm	a	170	170	170
	b	118	118	118
	c	164	164	164
	d	134,5	134,5	134,5
	e	103	103	103
	f	6,1	6,1	6,1
	g	6	6	6
	h	216	216	216
	M	40	40	40
	M*		for 2x M 40 (blind)	
			to be cut out	
Max. cable dia. (mm)		32	32	32
Cond. cross section (mm ²) min. - max.		6 - 25	6 - 25	6 - 25

Page 18, Fig. 4; Page 34, Fig. 2

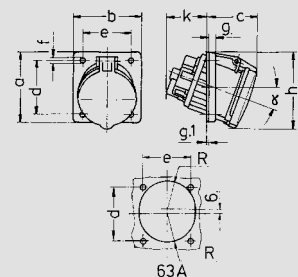


Page 16, Fig. 5; Page 17, Fig. 4; Page 35, Fig. 1; Page 36, Fig. 1; Page 39, Fig. 1

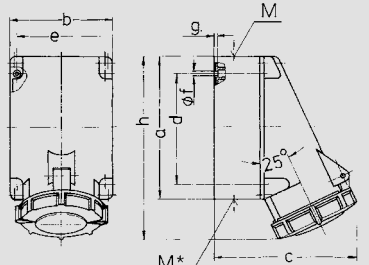


Drawing	Amp.	16			32		
		Pole			Pole		
1 MB 219 1 MB 406		3	4	5/7	3	4	5/7
Dim. in mm	a	95	95	95	120	120	120
	b	102	102	102	112	112	112
	c	115	124	129	143	143	150
	d	64,2	64,2	64,2	90,2	90,2	90,2
	e	77,5	77,5	77,5	79	79	79
	e1	88	88	88	98,5	98,5	98,5
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	5	5	5	5	5	5
	h	128	128	132	160	160	160
	M	25	25	25	32	32	32
	M*		for M 25 (blind)		for M 32 (blind)		for M 32 (blind)
			to be cut out		to be cut out		to be cut out
Max. cable dia. (mm)		18	18	18	25	25	25
Cond. cross section (mm ²) min. - max.		1,5 - 4	1,5 - 4	1,5 - 4	2,5 - 10	2,5 - 10	2,5 - 10

Page 18, Fig. 5

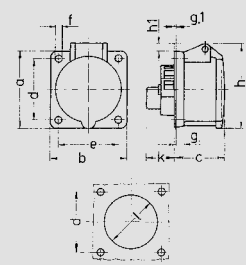


Page 16, Fig. 6; Page 36, Fig. 2



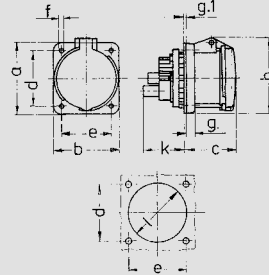
Drawing	Amp.	63			125	
		Pole			Pole	
1 MB 112 1 MB 162/163		3	4	5	4	5
Dim. in mm	a	170	170	170	264	264
	b	118	118	118	163	163
	c	171	171	171	203	203
	d	134,5	134,5	134,5	240	240
	e	103	103	103	140	140
	f	6,1	6,1	6,1	8,1	8,1
	g	6	6	6	8	8
	h	216	216	216	313	313
	M	40	40	40	50	50
	M*		for 2x M 40 (blind)		50	50
			to be cut out			
Max. cable dia. (mm)		32	32	32	38	38
Cond. cross section (mm ²) min. - max.		6 - 25	6 - 25	6 - 25	25 - 35	25 - 35

Page 18, Fig. 1



Drawing	Amp.	16		
1 MB 463	Pole	3	4	5
Dim. in mm	a	92,5		
	b	87		
	c	110		
	d	55,5		
	e	7,6		
	f1	5,3		
	f2	5,3		
	h	136,5		
	i	21,5		
	M	M25*1,5		

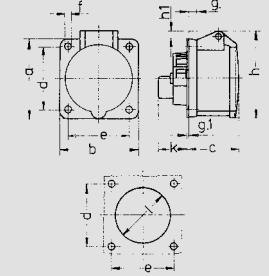
Page 18, Fig. 2



Drawing	Amp.	63		
1 MB 211	Pole	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
Cond. cross section (mm²) min. - max.		6	6	6
		-25	-25	-25

Drawing	Amp.	16		
1 MB 455	Pole	3	4	5
Dim. in mm	a	84	92	98
	b	57	66	69
	c	84	86,5	84
	d	55	57,5	55
	e	—	—	—
	f	Ø61	Ø61	Ø61
	f1	33,25	33,25	33,25
Cond. cross section (mm²) min. - max.		1,5	1,5	1,5
		-4	-4	-4

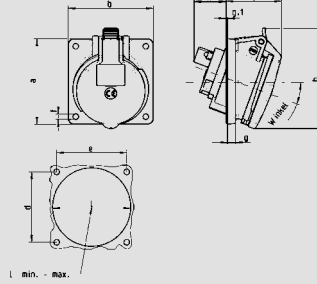
Page 18, Fig. 3



Drawing	Amp.	16			16		
1 MB 259	Pole	3	4	5	3	4	5
Dim. in mm	a	55	55	55	62	72	72
	b	55	55	55	62	65	65
	c	54	54	54	54	54	54
	d	45	45	45	47	52	52
	e	45	45	45	47	52	52
	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	70	70	70	68	77	85
	h1	12	12	12	7	7	11
	k	28	28	28	28	28	28
	l	47	47	47	50	52	57
Cond. cross section (mm²) min. - max.		1,5	1,5	1,5	1,5	1,5	1,5
		-4	-4	-4	-4	-4	-4

Drawing	Amp.	16			32		
1 MB 455	Pole	4	5	3	4	5	
Dim. in mm	a	92	98	94	94	108	
	b	66	69	75	75	80	
	c	86,5	84	105	105	105	
	d	57,5	55	65	65	65	
	e	—	—	—	—	—	
	f	—	—	—	—	—	
	e1	—	—	—	—	—	
	f1	Ø70	Ø70	Ø70	Ø70	Ø70	
		37,75	37,75	37,75	37,75	37,75	
Cond. cross section (mm²) min. - max.		1,5	1,5	2,5	2,5	2,5	
		-4	-4	-10	-10	-10	

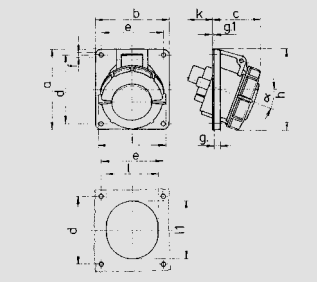
Page 18, Fig. 6



Drawing	Amp.	16			32		
1 MB 453	Pole	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	67	67	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	1,5	1,5	1,5	2	2	2
	h	89	96	100	110	110	110
	k	39	34	33	39	39	39
	l min.	57	64	70	78	78	78
	l max.	76	76	76	78	78	78
Cond. cross section (mm²) min. - max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-10	-10	-10

Drawing	Amp.	16			32		
1 MB 256	Pole	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	58	58	62	62	62
	d	60	85	85	85	85	85
	e	52	77	77	77	77	77
	f	5,3	5,3	5,3	5,3	5,3	5,3
	g	7	8	8	8	8	8
	g,1	2	2	2	2	2	2
	h	79	105	105	107	107	112
	h1	—	—	—	—	—	—
	k	41	41	41	51	51	52
	l	52	60	65	70	70	73
	l1	60	65	72	82	82	85
	α	20°	20°	20°	20°	20°	20°
Cond. cross section (mm²) min. - max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-10	-10	-10

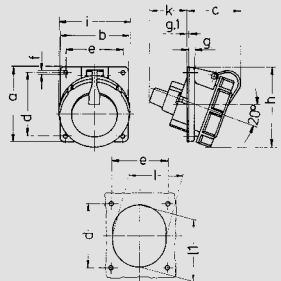
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Drawing	Amp.	16			32		
1 MB 251	Pole	3	4	5/7	3	4	5/7
Dim. in mm	a	73,5	100	100	100	100	100
	b	64	92	92	92	92	92
	c	52	59	62	64	64	66
	d	60	85	85	85	85	85
	e	52	77	77	77	77	77
	f	5,3	5,3	5,3	5,3	5,3	5,3
	g	7	8	8	8	8	8
	g,1	2	2	2	2	2	2
	h	84	103	105	109	109	113
	i	78	85	96	103	103	110
	k	41	41	41	51	51	52
	l	52	60	65	70	70	73
	l1	60	65	72	82	82	85
	α	20°	20°	20°	20°	20°	20°
Cond. cross section (mm²) min. - max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-10	-10	-10

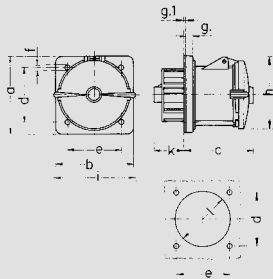
Drawing	Amp.	63		
1 MB 297	Pole	3	4	5
Dim. in mm	a	110	110	110
	b	106	106	106
	c	85	85	85
	d	85	85	85
	e	77	77	77
	f	6,2	6,2	6,2
	g	12	12	12
	g,1	2	2	2
	h	122	122	122
	k	69	69	69
	R	46	46	46
	α	20°	20°	20°
Cond. cross section (mm²) min. - max.		6	6	6
		-25	-25	-25

Page 19, Fig. 4



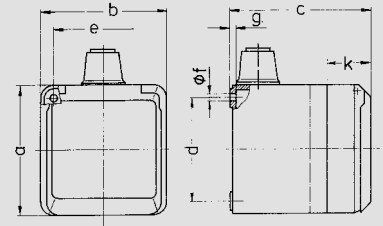
Drawings and dimensions

Page 19, Fig. 2

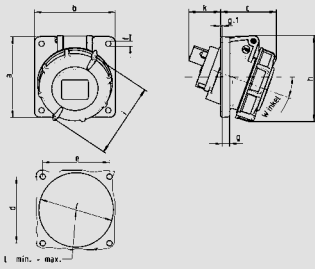


1 MB 212 Amp.	63			125			
	1 MB 258 Pole			3	4	5	
Dim. in mm	a	107	107	107	130	130	130
	b	100	100	100	130	130	130
	c	84	84	84	124	124	124
	d	85	85	85	104	104	104
	e	77	77	77	104	104	104
	f	6,5	6,5	6,5	6,5	6,5	6,5
	g.1	12	12	12	18	18	18
	h	2	2	2	2	2	2
	i	113	113	113	122	122	122
	k	118	118	118	135	135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

Page 21, Fig. 1

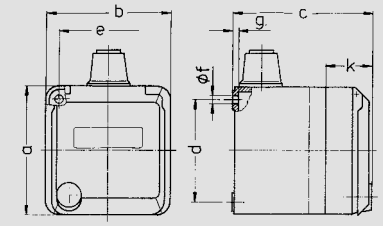


Page 19, Fig. 5

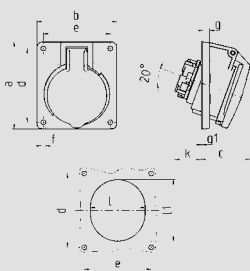


Drawing Amp.	16			32			
	1 MB 452 Pole			3	4	5	
Dim. in mm	a	85	85	85	85	85	85
	b	85	85	85	85	85	85
	c	57	59	60	72	72	72
	d	70	70	70	70	70	70
	e	70	70	70	70	70	70
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	8	8	8	8	8	8
	g.1	1,5	1,5	1,5	2	2	2
	h	87	91	99	107	107	107
	i	75	81	86,5	102	102	102
	k	39	34	33	40	40	40
	l min.	57	64	70	78	78	78
	l max.	76	76	76	78	78	78
	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

Page 21, Fig. 2

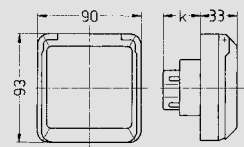


Page 20, Fig. 2

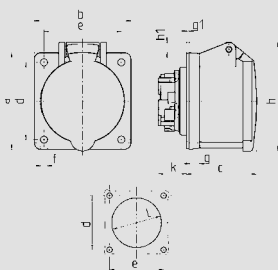


Drawing Amp.	16			
	1 MB 465 Pole			
Dim. in mm	a	73,5	100	100
	b	64	92	92
	c	52	58	58
	d	60	85	85
	e	52	77	77
	f	5,3	5,3	5,3
	g	7	8	8
	g.1	2	2	2
	k	31	31	31
	l	52	60	65
	l1	60	65	72

Page 21, Fig. 3

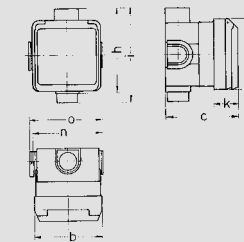


Page 20, Fig. 1

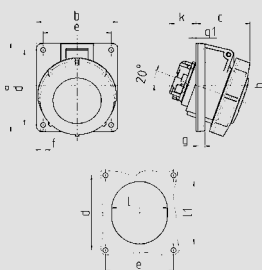


Drawing Amp.	16			
	1 MB 464 Pole			
Dim. in mm	a	75	75	75
	b	75	75	75
	c	54	54	54
	d	60	60	60
	e	60	60	60
	f	5,5	5,5	5,5
	g	8	8	8
	g.1	2	2	2
	h	68	77	85
	h1	1	5	9
	k	22	22	22
	l	50	54	57

Page 21, Fig. 4

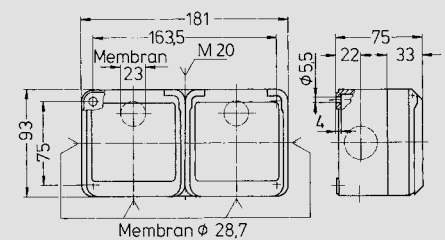


Page 20, Fig. 4

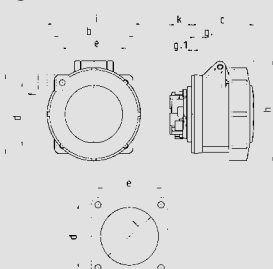


Drawing Amp.	16			
	1 MB 466 Pole			
Dim. in mm	a	73,5	100	100
	b	64	92	92
	c	52	59	62
	d	60	85	85
	e	52	77	77
	f	5,3	5,3	5,3
	g	7	8	8
	g.1	2	2	2
	h	84	103	106
	k	31	31	31
	l	52	60	65
	l1	60	65	72

Page 21, Fig. 5

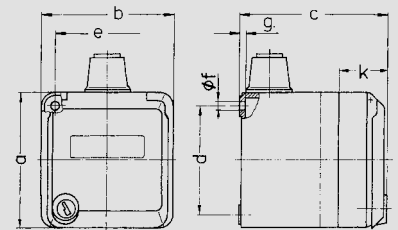


Page 20, Fig. 3



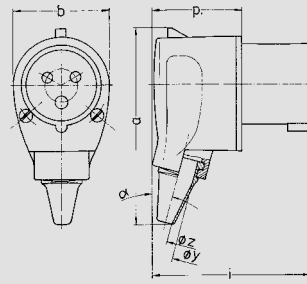
Drawing Amp.	16			
	1 MB 467 Pole			
Dim. in mm	a	75	75	75
	b	75	75	75
	c	60	61	61
	d	60	60	60
	e	60	60	60
	f	5,5	5,5	5,5
	g	8	8	8
	g.1	2	2	2
	h	83	88	95
	i	78	85	96
	k	21	21	21
	l	50	54	57

Page 21, Fig. 6



Drawing	Amp.	16			32		
		Pole			Pole		
1 MB 312		3	4	5	3	4	5
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 dia. (mm)		18	18	18	18	18	18
Cond. cross section (mm ²) min. - max.		-4	-4	-4	-6	-6	-6

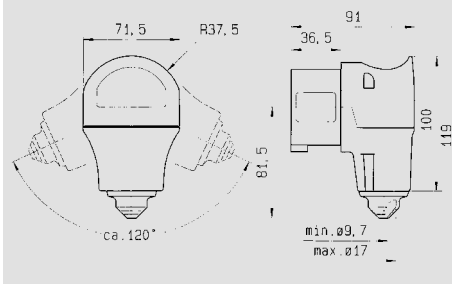
Page 22, Fig. 6a



Drawing	Amp.	16			32		
		Pole			Pole		
2 MB 69		3	4		3	4	5
2 MB 45		3	4		3	4	5
Dim. in mm	a	107	129		96	96	101
	b	53	58		72	72	72
	h	—	—		—	—	115
	i	85	71		115	115	—
	o	—	—		—	—	70
	p	49	35		70	70	—
	y	17,5	17,5		22	22	22
	z	7	7		11	11	11
	alpha	15°	—		8°	8°	—
Cond. cross section (mm ²) min. - max.		1	1		2,5	2,5	2,5
		-2,5	-2,5		-6	-6	-6

Drawing	Amp.	16			32		
		Pole			Pole		
1 MB 317		3	4	5	3	4	5
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 dia. (mm)		18	18	18	18	18	18
Cond. cross section (mm ²) min. - max.		-4	-4	-4	-6	-6	-6

Page 22, Fig. 6b; Page 27, Fig. 4

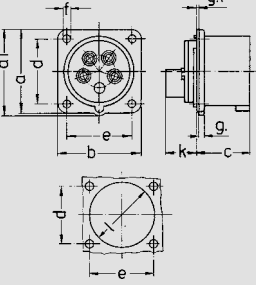


Drawing 2 MB 208

Dim. in mm

Drawing	Amp.	16			32		
		Pole			Pole		
1 MB 315		3	4	5	3	4	5
Dim. in mm	k	32	32	32	48	48	48
Cond. cross section (mm ²) min. - max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-6	-6	-6

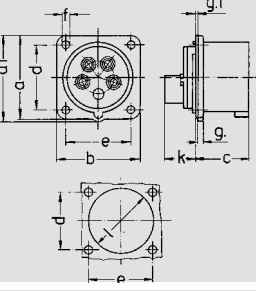
Page 24, Fig. 1



Drawing	Amp.	16			32		
		Pole			Pole		
2 MB 68		5			5		
Dim. in mm	a	66			72		
	a1	69			78		
	b	66			72		
	c	43			52		
	d	52			60		
	e	52			60		
	f	4,5			4,5		
	g	4,5			4,5		
	g1	2			2		
	k	27			32		
	l	59			63		
Cond. cross section (mm ²) min. - max.		1			2,5		
		-2,5			-6		

Drawing	Amp.	16			32		
		Pole			Pole		
1 MB 336		3	4	5	3	4	5
Dim. in mm	a	93	93	93	93	93	93
	b	90	90	90	90	90	90
	c	95	95	95	95	95	95
	h	111	111	111	111	111	111
	i	124	124	124	124	124	124
	k	33	33	33	33	33	33
	n	91	91	91	91	91	91
	o	95	95	95	95	95	95
Cond. cross section (mm ²) min. - max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-6	-6	-6

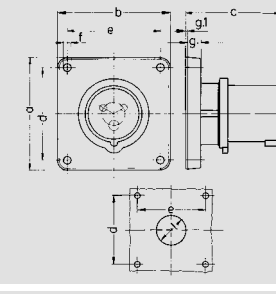
Page 24, Fig. 2; Page 27, Fig. 5



Drawing	Amp.	16			32		
		Pole			Pole		
2 MB 68		5			5		
Dim. in mm	a	75			75		
	b	75			75		
	c	42			60		
	d	60			60		
	e	60			60		
	f	5,5			5,5		
	g	7,3			7,3		
	g1	2			2		
	k	13			11		
	l	52			52		
Cond. cross section (mm ²) min. - max.		1			2,5		
		-2,5			-6		

Drawing	Amp.	16			32		
		Pole			Pole		
1 MB 350		3	4	5	3	4	5
Dim. in mm		1,5	1,5	1,5			
Cond. cross section (mm ²) min. - max.		-4	-4	-4			

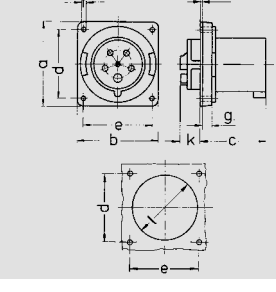
Page 24, Fig. 3



Drawing	Amp.	16			32		
		Pole			Pole		
2 MB 173/2		3	4	5	3	4	5
Dim. in mm	a	85,7	85,7	85,7	85,7	85,7	85,7
	b	85,7	85,7	85,7	85,7	85,7	85,7
	c	72	72	72	90	90	90
	d	69,5	69,5	69,5	69,5	69,5	69,5
	e	69,5	69,5	69,5	69,5	69,5	69,5
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	11	11	11	11	11	11
	g1	2	2	2	2	2	2
	l	32	36	36	47	47	47
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

Drawing	Amp.	16			32		
		Pole			Pole		
1 MB 313		3	4	5	3	4	5
Dim. in mm	a	93	93	93	93	93	93
	b	90	90	90	90	90	90
	c	90	90	90	102	102	102
	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	36	36	36	36	36	36
Max. cable dia. (mm)		18	18	18	18	18	18
Cond. cross section (mm ²) min. - max.		1,5	1,5	1,5	2,5	2,5	2,5
		-4	-4	-4	-6	-6	-6

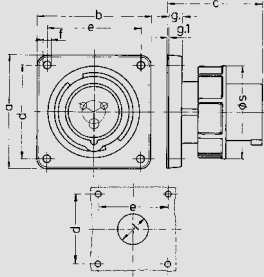
Page 24, Fig. 4



Drawing	Amp.	63		
		Pole		
2 MB 155		3	4	5
Dim. in mm	a	110	110	110
	b	106	106	106
	c	85	85	85
	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
Cond. cross section (mm ²) min. - max.		6	6	6
		-16	-16	-16

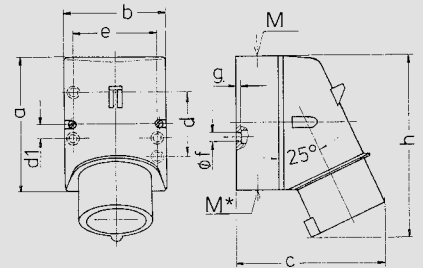
Drawings and dimensions

Page 24, Fig. 5

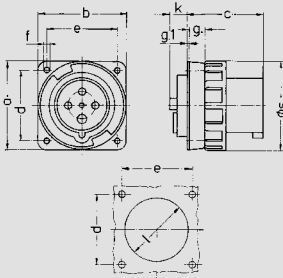


Drawing	Amp.	16			32		
		3	4	5	3	4	5
2 MB 187/2 Pole							
Dim. in mm	a	85,7	85,7	85,7	85,7	85,7	85,7
	b	85,7	85,7	85,7	85,7	85,7	85,7
	c	72	72	72	90	90	90
	d	69,5	69,5	69,5	69,5	69,5	69,5
	e	69,5	69,5	69,5	69,5	69,5	69,5
	f	5,5	5,5	5,5	5,5	5,5	5,5
	g	11	11	11	11	11	11
	g.1	2	2	2	2	2	2
	l	32	36	47	47	47	47
	s	71	79	89	94	94	102
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

Page 26, Fig. 1; Page 28, Fig. 2; Page 34, Fig. 4

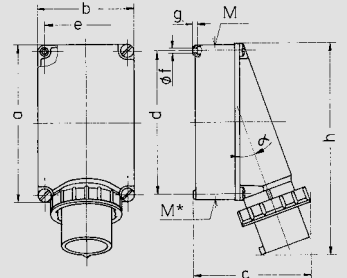


Page 24, Fig. 6

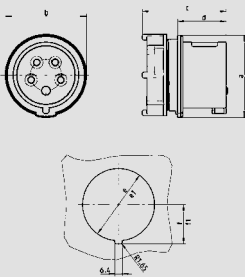


Drawing	Amp.	63			125		
		3	4	5	3	4	5
2 MB 166 Pole							
Dim. in mm	a	110	110	110	130	130	130
	b	106	106	106	130	130	130
	c	86	86	86	112	112	112
	d	90	90	90	104	104	104
	e	90	90	90	104	104	104
	f	5,5	5,5	5,5	6,5	6,5	6,5
	g	11	11	11	18	18	18
	g.1	2	2	2	2	2	2
	k	28	28	28	28	28	28
	l	73	73	73	95	95	95
	s	113	113	113	132	132	132
Cond. cross section (mm ²) min. - max.		6	6	6	25	25	25
		-16	-16	-16	-70	-70	-70

Page 26, Fig. 2

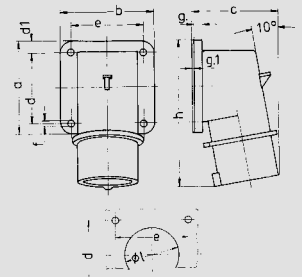


Page 25, Fig. 1

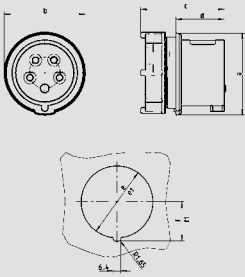


Drawing	Amp.	16		
		3	4	5
2 MB 216 Pole				
Dim. in mm	a	70	70	70
	b	69	69	69
	c	max. 72	max. 72	max. 72
	d	44	44	44
	e	Ø61	Ø61	Ø61
	f	33,25	33,25	33,25
	e1	—	—	—
	f1	—	—	—
Cond. cross section (mm ²) min. - max.		1,5	1,5	1,5
		-4	-4	-4

Page 26, Fig. 3; Page 28, Fig. 3; Page 34, Fig. 5

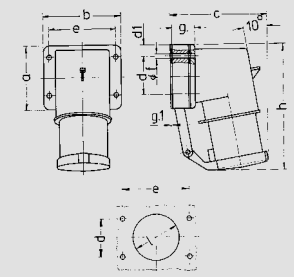


Page 25, Fig. 2; Page 27, Fig. 6

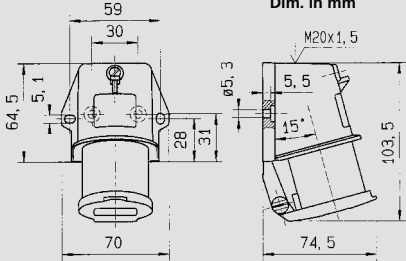


Drawing	Amp.	16			32		
		4	5	3	4	5	
2 MB 216 Pole							
Dim. in mm	a	70	70	82	82	82	
	b	69	69	82	82	82	
	c	max. 72	max. 72	84	84	84	
	d	44	44	50	50	50	
	e	—	—	—	—	—	
	f	—	—	—	—	—	
	e1	Ø70	Ø70	Ø70	Ø70	Ø70	
	f1	37,75	37,75	37,75	37,75	37,75	
Cond. cross section (mm ²) min. - max.		1,5	1,5	2,5	2,5	2,5	
		-4	-4	-10	-10	-10	

Page 26, Fig. 4; Page 28, Fig. 4

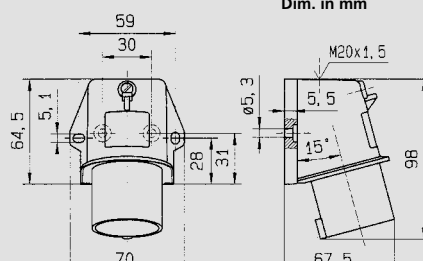


Page 25, Fig. 3a



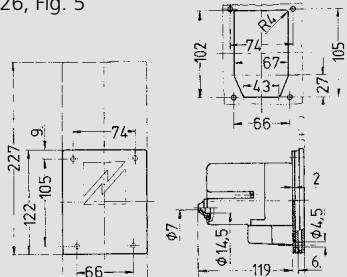
Drawing 2 MB 212
Dim. in mm

Page 25, Fig. 3b

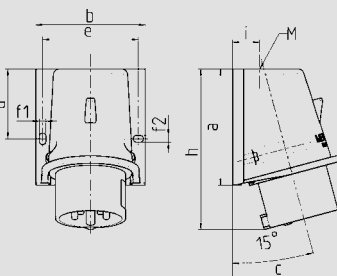


Drawing 2 MB 213
Dim. in mm

Page 26, Fig. 5

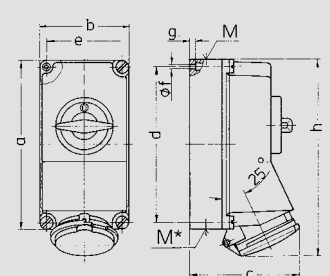


Page 25, Fig. 4; Page 28, Fig. 1



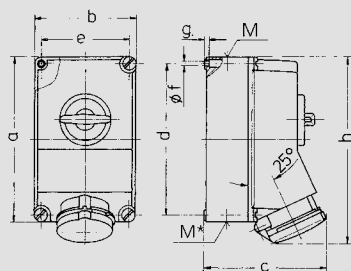
Drawing	Amp.	16	
		4	5
2 MB 221 Pole			
Dim. in mm	a	92,5	92,5
	b	87	87
	c	84,5	84,5
	d	55,5	55,5
	e	76	76
	f1	5,3	5,3
	f2	5,3	5,3
	h	128	128
	i	21,5	21,5
	M	25	25

Page 31, Fig. 1



Drawing	Amp.	16			32		
		3	4	5/7	3	4	5/7
2 MB 32	Pole						
Dim. in mm	a	87	100	100	128	128	128
	b	64	75	75	84	84	84
	c	93	106	110	128	128	130
	d	40	—	—	—	—	—
	d1	—	10,5	10,5	—	—	—
	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	25	25	32	32	32
	M*	(blind)	(blind)	(blind)	for M 32 (blind)	for M 32 (blind)	for M 32 (blind)
	Max. cable dia. (mm)		to be cut out	to be cut out	to be cut out	to be cut out	to be cut out
Cond. cross section (mm ²) min. - max.		13	18	18	25	25	25
		1	1	1	2,5	2,5	2,5
		-2,5	-2,5	-2,5	-6	-6	-6

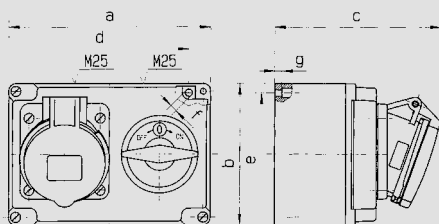
Page 31, Fig. 2



Drawing	Amp.	63			
		3	4	5	
1 MB 234	Pole				
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 dia. (mm)		32	32	32
	Cond. cross section (mm ²) min. - max.		6	6	6
		-25	-25	-25	

Drawing	Amp.	63			125		
		3	4	5	4	5	
2 MB 36	Pole						
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 dia. (mm)		32	32	32	38	38
Cond. cross section (mm ²) min. - max.		4	4	4	16	16	
		-10	-10	-10	-35	-35	

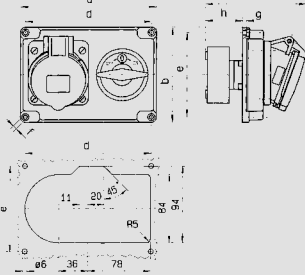
Page 31, Fig. 3



Drawing	Amp.	16			
		3	4	5	
1 MB 398	Pole				
Dim. in mm	a	170	170	170	
	b	118	118	118	
	c	134	141	137	
	d	136	136	136	
	e	104	104	104	
	f	6,1	6,1	6,1	
	g	6	6	6	
	h	25	25	25	
	M	40	40	40	
	Max. cable dia. (mm)		18	18	18
	Cond. cross section (mm ²) min. - max.		1,5	1,5	1,5
			-4	-4	-4

Drawing	Amp.	16		32			
		4	5/7	3	4	5/7	
2 MB 71	Pole						
Dim. in mm	a	85	85	75	75	75	
	b	85	85	90	90	90	
	c	75	79	87	87	90	
	d	64	64	45	45	45	
	e	10	10	13	13	13	
	f	64	64	78	78	78	
	g	5,5	5,5	5,5	5,5	5,5	
	h	6	6	6	6	6	
	g.1	2	2	2	2	2	
	i	129	129	137	137	138	
	Cond. cross section (mm ²) min. - max.		50	50	55	55	55
			1	1	2,5	2,5	2,5
		-2,5	-2,5	-6	-6	-6	

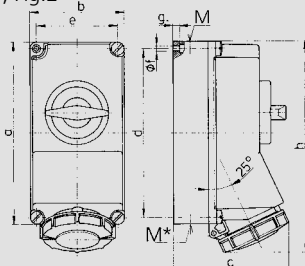
Page 31, Fig. 4



Drawing	Amp.	16			
		3	4	5	
1 MB 397	Pole				
Dim. in mm	a	170	170	170	
	b	118	118	118	
	c	120	125	127	
	d	158	158	158	
	e	105	105	105	
	f	9	9	9	
	g	5	5	5	
	h	47	47	47	
	Cond. cross section (mm ²) min. - max.		1,5	1,5	1,5
			-4	-4	-4

Drawing	Amp.	16		32			
		4	5	3	4	5	
2 MB 43	Pole						
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	
	e	10	10	13	13	13	
	f	64	64	78	78	78	
	g	5,5	5,5	5,5	5,5	5,5	
	h	27	27	27	27	27	
	g.1	2	2	2	2	2	
	i	140	140	150	150	150	
	Cond. cross section (mm ²) min. - max.		50	50	55	55	55
			1	1	2,5	2,5	2,5
		-2,5	-2,5	-6	-6	-6	

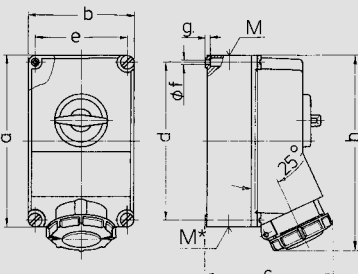
Page 32, Fig. 1; Page 35, Fig. 6; Page 36, Fig. 3; Page 39, Fig. 2



Drawing	Amp.	16			32		
		3	4	5/7	3	4	5/7
1 MB 207	Pole						
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	2x32	2x32	2x32	2x32	2x32	2x32
	M*	2x25	2x25	2x25	2x25	2x25	2x25
	Max. cable dia. (mm)		25	25	25	25	25
	Cond. cross section (mm ²) min. - max.		1,5	1,5	1,5	2,5	2,5
		-4	-4	-4	-10	-10	

 Drawing 212-Z
 Dim. in mm

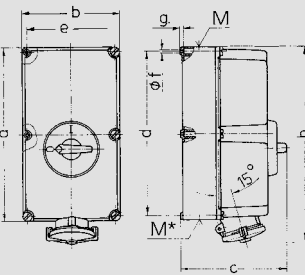
Page 32, Fig. 2; Page 36, Fig. 4



Drawing	Amp.	63			
		3	4	5	
1 MB 180	Pole				
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 dia. (mm)		32	32	32
	Cond. cross section (mm ²) min. - max.		6	6	6
		-25	-25	-25	

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

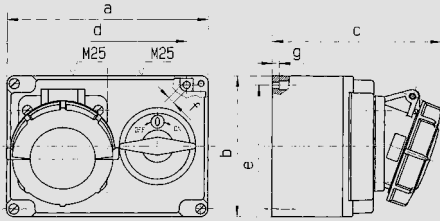
Page 32, Fig. 3



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

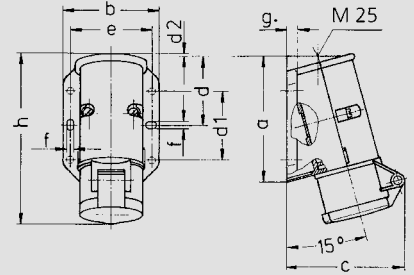
Drawings and dimensions

Page 32, Fig. 4

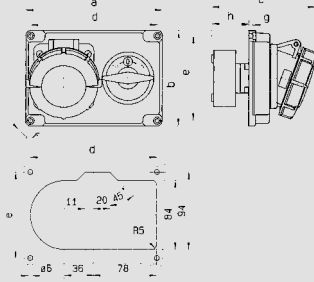


Drawing	Amp.	16		
1 MB 396	Pole	3	4	5
Dim. in mm	a	170	170	170
	b	118	118	118
	c	136	139	143
	d	136	136	136
	e	104	104	104
	f	6,1	6,1	6,1
	g	6	6	6
	h	25	25	25
	M	18	18	18
Max. cable dia. (mm)		1,5	1,5	1,5
Cond. cross section (mm ²) min. - max.		-4	-4	-4

Page 37, Fig. 1

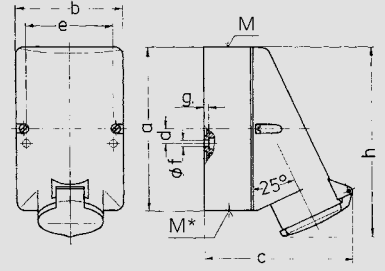


Page 32, Fig. 5

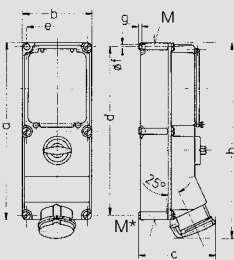


Drawing	Amp.	16		
1 MB 395	Pole	3	4	5
Dim. in mm	a	170	170	170
	b	118	118	118
	c	123	125	130
	d	158	158	158
	e	105	105	105
	f	9	9	9
	g	5	5	5
	h	47	47	47
Cond. cross section (mm ²) min. - max.		1,5	1,5	1,5
		-4	-4	-4

Page 37, Fig. 2

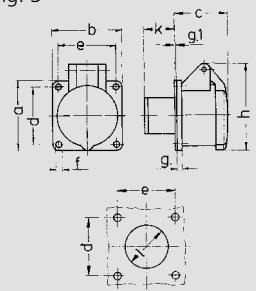


Page 33, Fig. 1+2

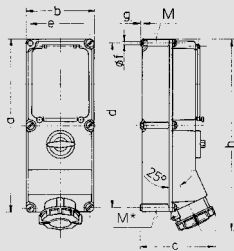


Drawing	Amp.	16			32		63	
1 MB 208	Pole	3	4	5	4	5	4	5
Dim. in mm	a	364	364	364	364	364	460	460
	b	134	134	134	134	134	180	180
	c	160	162	163	168	168	195	195
	d	347	347	347	347	347	440	440
	e	117	117	117	117	117	160	160
	f	6,3	6,3	6,3	6,3	6,3	8,1	8,1
	g	8	8	8	8	8	8	8
	h	391	395	398	408	411	502	502
	M	32/40	32/40	32/40	32/40	32/40	40	40
	M*	2x32	2x32	2x32	2x32	2x32	2x40	2x40
Max. cable dia. (mm)		27	27	27	27	27	27	27
Cond. cross section (mm ²) min. - max.		1,5	1,5	1,5	2,5	2,5	6	6
		-4	-4	-4	-10	-10	-25	-25

Page 37, Fig. 3

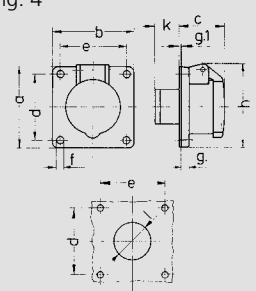


Page 33, Fig. 3+4
Page 36, Fig. 5+6
Page 39, Fig. 3

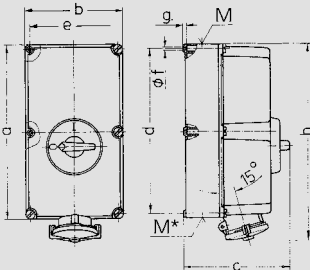


Drawing	Amp.	16			32		63	
1 MB 181	Pole	3	4	5	4	5	4	5
Dim. in mm	a	364	364	364	364	364	460	460
	b	134	134	134	134	134	180	180
	c	160	162	163	168	168	209	209
	d	347	347	347	347	347	440	440
	e	117	117	117	117	117	160	160
	f	6,3	6,3	6,3	6,3	6,3	8,1	8,1
	g	8	8	8	8	8	8	8
	h	391	395	398	408	411	525	525
	M	32/40	32/40	32/40	32/40	32/40	40	40
	M*	2x32	2x32	2x32	2x32	2x32	2x40	2x40
Max. cable dia. (mm)		27	27	27	27	27	27	27
Cond. cross section (mm ²) min. - max.		1,5	1,5	1,5	2,5	2,5	6	6
		-4	-4	-4	-10	-10	-25	-25

Page 37, Fig. 4

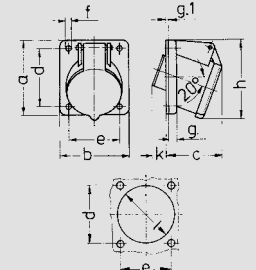


Page 33, Fig. 5

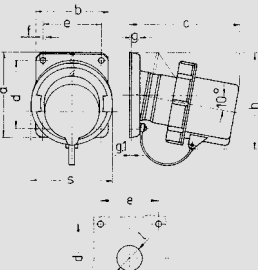


Drawing	Amp.	125	
1 MB 177	Pole	4	5
Dim. in mm	a	460	460
	b	260	260
	c	283	283
	d	434	434
	e	234	234
	f	11	11
	g	9	9
	h	525	525
	M	63	63
	M*	2x63	2x63
Max. cable dia. (mm)		44	44
Cond. cross section (mm ²) min. - max.		25	25
		-70	-70

Page 37, Fig. 5

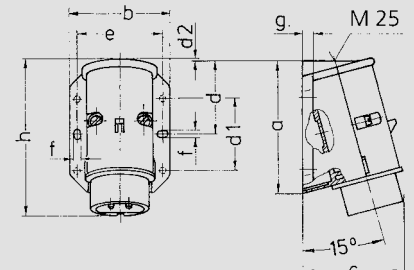


Page 35, Fig. 4



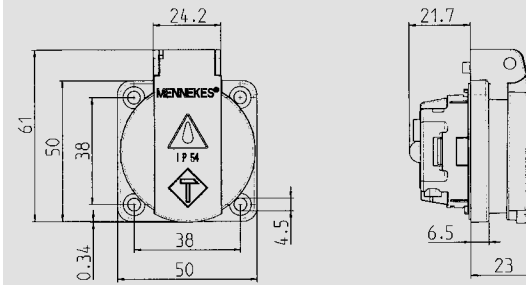
Drawing	Amp.	16		32	
2 MB 203	Pole	7		7	
Dim. in mm	a	85		85	
	b	85		85	
	c	132		137	
	d	70		70	
	e	70		70	
	f	6,3		6,3	
	g	11		11	
	g.1	2		2	
	h	107		111	
	s	86		102	
	t	30		30	
Cond. cross section (mm ²) min. - max.		1		2,5	
		-2,5		-6	

Page 38, Fig. 5

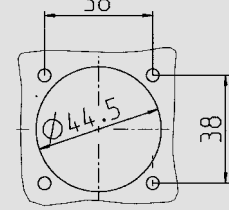


Drawing	Amp.	16		32	
		Pole		Pole	
1 MB 294		2	3	2	3
Dim. in mm					
a		96	96	96	96
b		73	73	73	73
c		90	90	90	90
d		53	53	53	53
d1		52	52	52	52
d2		2	2	2	2
e		62	62	62	62
f		5,3	5,3	5,3	5,3
g		8	8	8	8
h		129	129	129	129
Cond. cross section (mm ²) min. - max.		-10	-10	-10	-10

Page 40, Fig. 1, 2, 3, 5+6, Page 47, Fig. 1+2

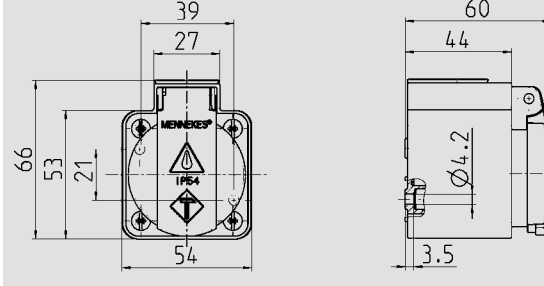


Drawing 1 MB 410
Dim. in mm

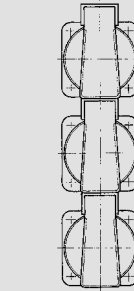


Drawing	Amp.	16		32	
		Pole		Pole	
1 MB 137		2	3	2	3
Dim. in mm					
a		128	128	128	128
b		84	84	84	84
c		115	115	115	115
d		11	11	11	11
e		68	68	68	68
f		5,3	5,3	5,3	5,3
g		4	4	4	4
h		146	146	146	146
M		25	25	32	32
M*		2x25	2x25	2x25	2x25
		(blind)	(blind)	(blind)	(blind)
Max. cable dia. (mm)		18	18	25	25
Cond. cross section (mm ²) min. - max.		-2x6	-10	-2x6	-10

Page 40, Fig. 4

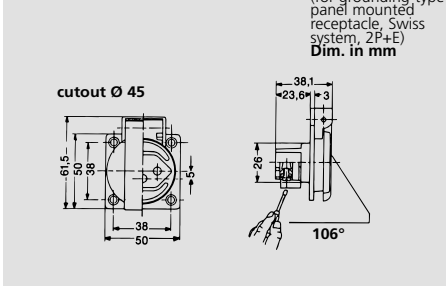


Drawing 1 MB 27
1 MB 30
Dim. in mm



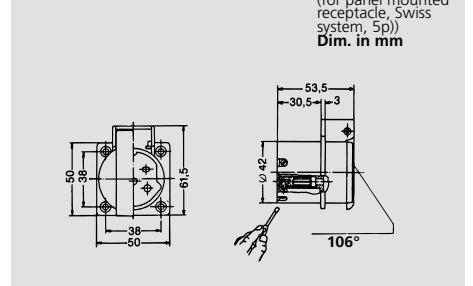
Drawing	Amp.	16		32	
		Pole		Pole	
1 MB 136		2	3	2	3
Dim. in mm					
a		55	55	55	55
b		55	55	55	55
c		44	44	44	44
d		45	45	45	45
e		45	45	45	45
f		4,2	4,2	4,2	4,2
g		8	8	8	8
g.1		2	2	2	2
h		67	67	67	67
k		22	22	22	22
l		34	34	34	34
Cond. cross section (mm ²) min. - max.		-10	-10	-10	-10

Page 41, Fig. 3



Drawing 1 MB 423
(for grounding-type panel mounted receptacle, Swiss system, 2P+E)
Dim. in mm

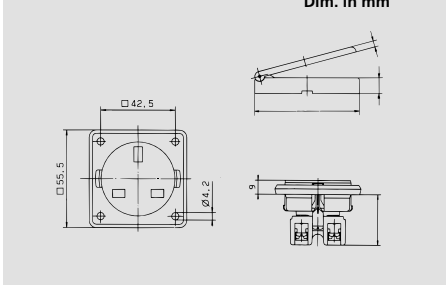
Page 41, Fig. 4



Drawing 1 MB 424
(for panel mounted receptacle, Swiss system, 5p)
Dim. in mm

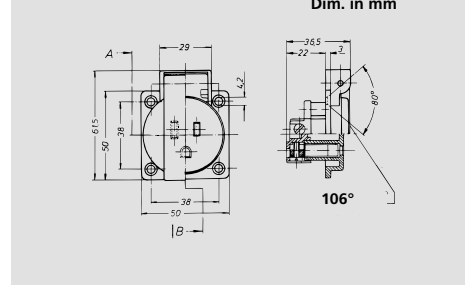
Drawing	Amp.	16		32	
		Pole		Pole	
1 MB 292		2	3	2	3
Dim. in mm					
a		75	75	75	75
b		75	75	75	75
c		44	44	44	44
d		60	60	60	60
e		60	60	60	60
f		5,5	5,5	5,5	5,5
g		8	8	8	8
g1		2	2	2	2
h		77	77	77	77
k		22	22	22	22
l		34	34	34	34
Cond. cross section (mm ²) min. - max.		-10	-10	-10	-10

Page 41, Fig. 5



Drawing 1 MB 422
Dim. in mm

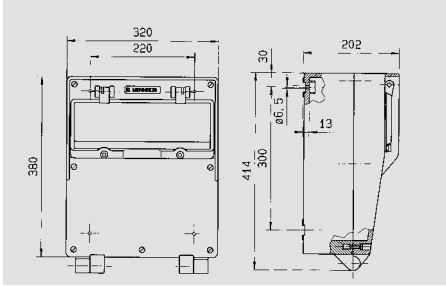
Page 41, Fig. 6



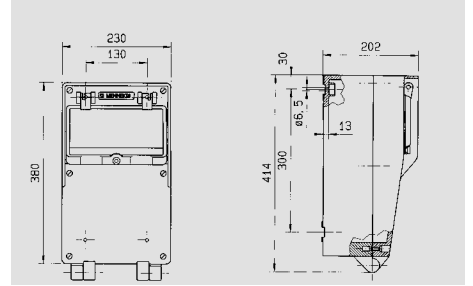
Drawing 1 MB 421
Dim. in mm

Drawing	Amp.	16		32	
		Pole		Pole	
1 MB 231		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
g1		2	2	2	2
h		72	72	72	72
k		32	32	32	32
l		55	55	55	55
Cond. cross section (mm ²) min. - max.		-10	-10	-10	-10

Page 50, EverGUM combination 380x320 mm

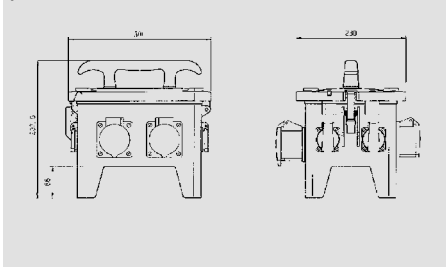


Page 50, EverGUM combinations 380x230 mm

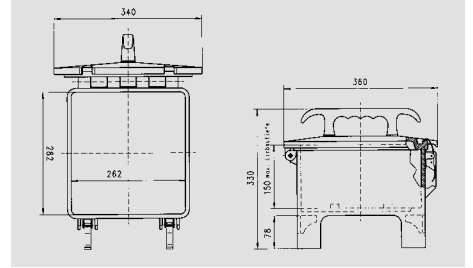


Drawing	Amp.	16		32	
		Pole		Pole	
2 MB 160		2	3	2	3
Dim. in mm					
a		96	96	96	96
b		73	73	73	73
c		74	74	74	74
d		53	53	53	53
d1		52	52	52	52
d2		2	2	2	2
e		62	62	62	62
f		5,3	5,3	5,3	5,3
g		8	8	8	8
h		116	116	116	116
Cond. cross section (mm ²) min. - max.		-10	-10	-10	-10

Page 51, EverGUM combinations, portable 300x230x287,5 m



Page 51, EverGUM combinations, portable 360x340x330 m





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