



■ CEE plugs, 16A up to 125A

Plugs StarTOP®, 16A and 32A, IP 44

Page 66 and 67



Plugs ProTOP, Plugs AM-TOP®, 16A and 32A, IP 44

Page 66 and 67



Angled plugs, 16A and 32A, IP 44

Page 66 and 67



Plugs PowerTOP Xtra, rubberised grip area, highly heat resistant contact carriers, nickel plated contacts, 63A, IP 44

Page 66 and 67



Plugs AM-TOP®, 16A and 32A, IP 67

Plugs PowerTOP Xtra, rubberised grip area, highly heat resistant contact carriers, nickel plated contacts, 63A and 125A, IP 67

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Inlets, 16A up to 125A, IP 44 and IP 67

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Phase inverter plugs, 16A and 32A, IP 44 and IP 67

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Phase sequence test plugs, 16A up to 63A, IP 44

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■ Plugs 16A up to 125A

StarTOP®. Quick. Safe. Tight.

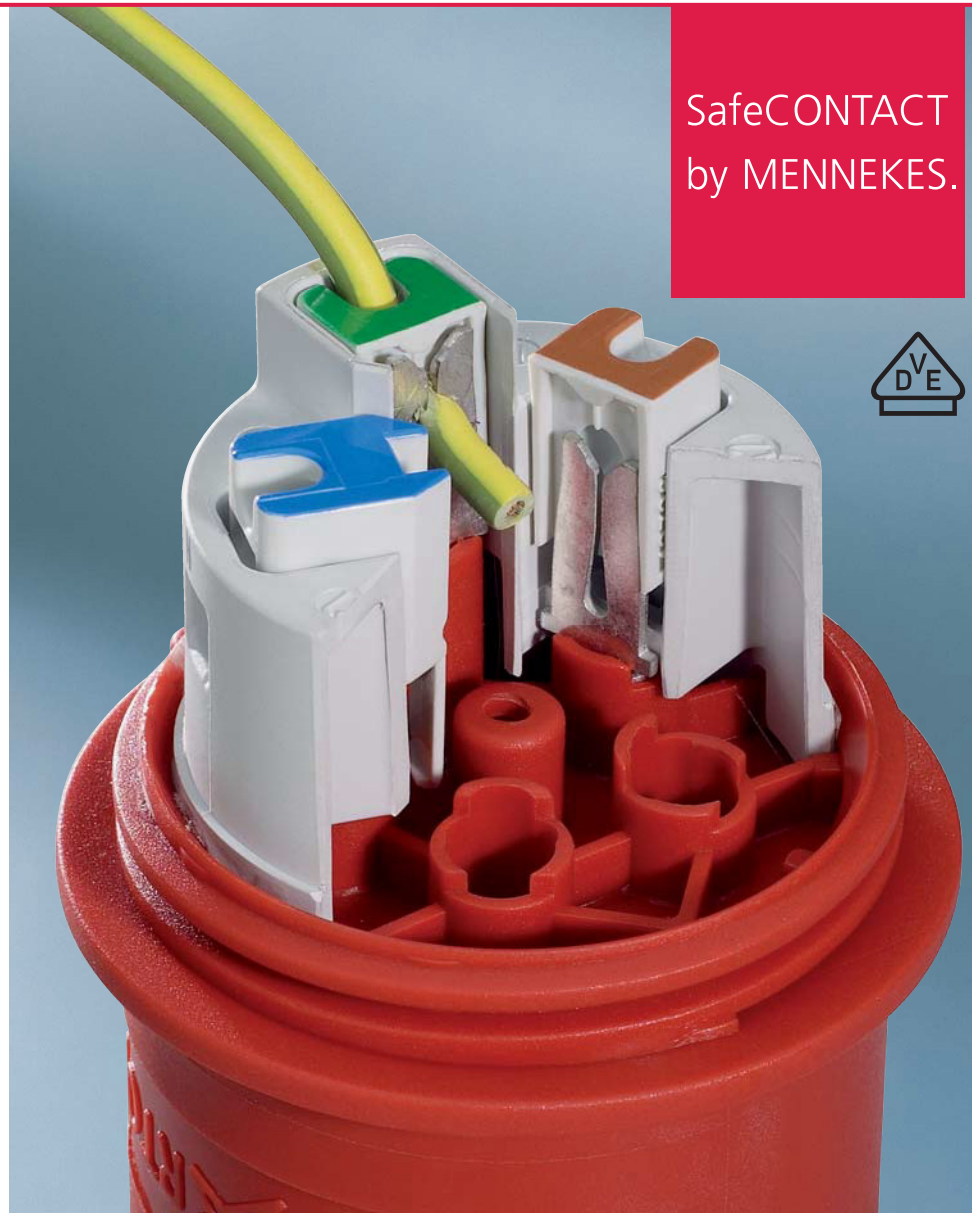
A high degree of safety.

In one operation, the insulation is cut, the contact is safely established and the wire is firmly held in place.

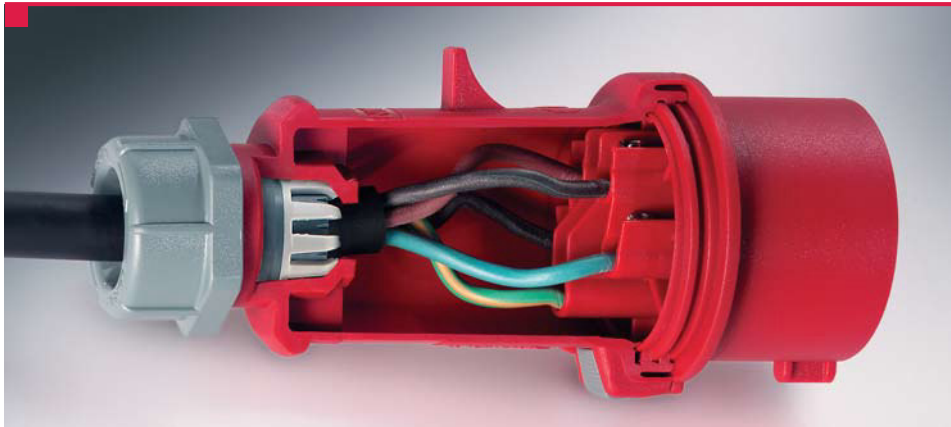


Under cover.

A stable lock ensures permanent safety.



ProTOP. With standard connection technology.



Many handy features, e.g., the self-locating thread for tight and stable connection of cover and front part. Cable grip and seal in one single operation by locking the cable gland.



Ingeniously toothed.

The additional teeth on the locking ring audibly lock as the ring is tightened, thereby providing a protection against automatic release.

PowerTOP Xtra. More safety under high loads.



2

- Best grip and improved impact resistance through unique rubber coating.
- Ergonomic design.
- Substantially reduced installation times through largely tool-free installation.
- Stable and fast locking without screws.
- Comfortable self-locating thread lock between front and back part.
- As the cable glands are in contact with the body of the plug and connector, the areas for the ingress of dirt are reduced and allow for easy cleaning in areas where hygiene is of prime importance.
- Faster conductor connection with screws (63A) or Allen screws (125A).
- Guaranteed secure contact – even without ferrules on the wires – through proven frame terminals.
- Better corrosion protection thanks nickel plated contacts.
- More safety through standard highly heat resistant contact carriers.



VarioTOP angled plug.



Ergonomic. Practical. Safe.

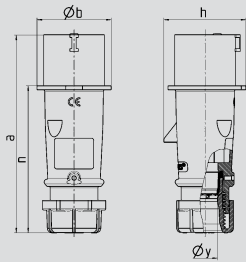
The first CEE angled plug with cable entry rotating up to 60° to the left or to the right.

MENNEKES CEE plugs

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

Enclosure and insert made of **AMAPLAST**.

Other voltages and frequencies available on request.



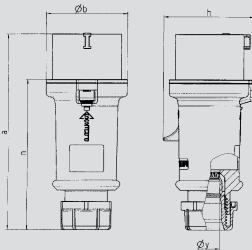
Drawing 2 MB 217	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	142	147	147	186	186	180
	b	53	59	67	70	70	77
	h	59	69,4	76	81	81	89,5
	n	105,2	110,5	110,5	141	141	135
	y	14,5	16	16	22	22	22
Terminal for cond. cross section (mm²) min.-max.		1	1	1	2,5	2,5	2,5
		—2,5	—2,5	—2,5	—6	—6	—6

Plugs AM-TOP®

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

▲ IP 44

Product group 2141, type 3 shown.



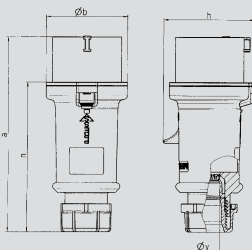
Drawing 2 MB 214	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	148	160	160	197	197	197
	b	55	65,6	65,6	75	75	75
	h	61	72,5	72,5	80,5	80,5	85
	n	112	123,5	123,5	152	152	152
	y	14,5	16	16	22	22	22
Terminal for cond. cross section (mm²) min.-max.		1	1	1	2,5	2,5	2,5
		—2,5	—2,5	—2,5	—6	—6	—6

Plugs ProTOP

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

▲ IP 44

Product group 2197, type 13 shown.



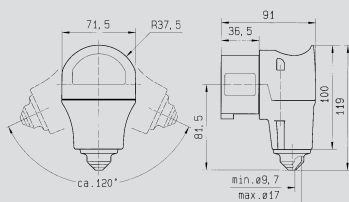
Drawing 2 MB 214	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	148	160	160	197	197	197
	b	55	65,6	65,6	75	75	75
	h	61	72,5	72,5	80,5	80,5	85
	n	112	123,5	123,5	152	152	152
	y	14,5	16	16	22	22	22
Terminal for cond. cross section (mm²) min.-max.		1	1	1	2,5	2,5	2,5
		—2,5	—2,5	—2,5	—6	—6	—6

Plugs StarTOP® with SafeCONTACT

screwless, with insulation displacing technique, cable gland and sealing, strain relief and protection against kinking, enclosure with thread lock and safety slide

▲ IP 44

Product group 2101, type 33 shown.



Drawing 2 MB 208
Dim. in mm

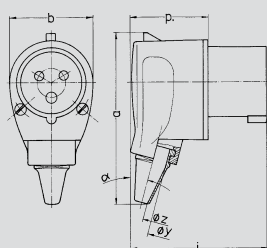
Angled plugs VarioTOP

with grommet, cable entry hood in colour code red or in electric grey

The first CEE angled plug with a cable entry that can be rotated 60° to the right or left.

▲ IP 44

Product group 2139, type 3980 shown.



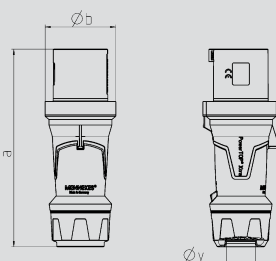
2 MB 69		Amp.		16		32		
2 MB 45		Poles		3	4	3	4	5
Dim. in mm	a	107	129			96	96	101
	b	53	58			72	72	72
	h	—	—			—	—	115
	i	85	71			115	115	—
	o	—	—			—	—	70
	p	49	35			70	70	—
	y	17,5	17,5			22	22	22
	z	7	7			11	11	11
	α	15°	—			8°	8°	—
Terminal for cond. cross section (mm²) min.-max.		1	1			2,5	2,5	2,5
		—2,5	—2,5			—6	—6	—6

Angled plugs

with grommet

▲ IP 44

Product group 2039, type 1411 shown.



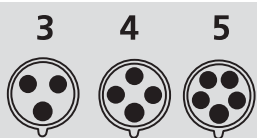
Drawing 2 MB 226	Amp. Poles	63		
		3	4	5
Dim. in mm	a	250	250	250
	b	90	90	90
	y	36	36	36
Terminal for cond. cross section (mm²) min.-max.		6	6	6
		—16	—16	—16

Plugs PowerTOP Xtra

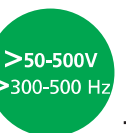
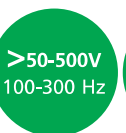
with rubberised grip area, with highly heat resistant contact carrier, frame terminals and nickel plated contacts, cable gland and sealing, strain relief and protection against kinking, enclosure with thread lock, two safety slides

▲ IP 44

Product group 2215, type 13112 shown.



2p+E 3p+E 3p+N+E



Amp.

Poles

3-pole 4-pole 5-pole 3-pole 4-pole 5-pole 3-pole 4-pole 5-pole 3-pole 4-pole 5-pole 3-pole 4-pole 5-pole 3-pole 4-pole 5-pole

Std. Pack.

Weight

Part numbers

Qty.

g/each



16	3	247	248	249		2168	2271	10	113
16	4	250	251	252	253	254	255	10	146
16	5	256	257	3	2014	2189	2243	10	166
32	3	259	260	261		2195	2341	10	208
32	4	262	263	264	265	266	267	10	222
32	5	268	269	4	2015	2244	2178	10	252



16	3	147	148	149				10	107
16	4		151	152	153			10	123
16	5			13				10	181
32	3	159	160					10	140
32	4		163	164	165			10	270
32	5			14				10	295



16	3	947	948					10	148
16	4		951	952	953	954		10	187
16	5			33				10	204
32	3	711	712					10	
32	4		717	719	723			10	
32	5			34				10	340



16	5		3981	3980	(colour code)			10	185
16	5		3983	3982	(electric grey)			10	185



16	3	1410	1411					10	115
16	4		891	315				10	150
32	3		3306					10	252
32	4		3646	3987				10	255
32	5			3266				10	258

Especially suited for use with receptacles of the Cepex range.



63	3	13101	13102					5	
63	4		13105	13106	13107			5	
63	5		13111	13112				5	

Additional types in 63A see PowerTOP Xtra IP 67 water-tight plugs, product group 2216 on the following page.

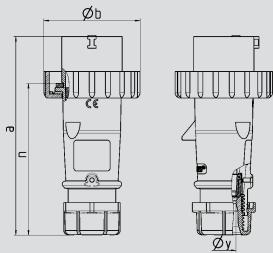
2

MENNEKES CEE plugs

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

Enclosure and insert made of **AMAPLAST**.

Other voltages and frequencies available on request.



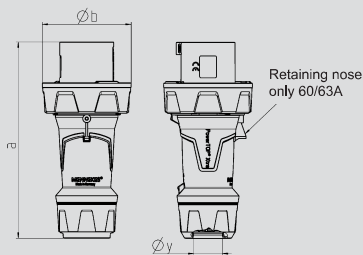
Drawing 2 MB 218	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	142	144	147	186	186	180
	b	70	78	87	94	94	101
	n	109	111	114	145	145	138
	y	14,5	16	16	22	22	22
Terminal for cond. cross		1	1	1	2,5	2,5	2,5
section (mm²) min.-max.		—2,5	—2,5	—2,5	—6	—6	—6

Plugs AM-TOP®

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

☼ IP 67

Product group 2149, type 300 shown.



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

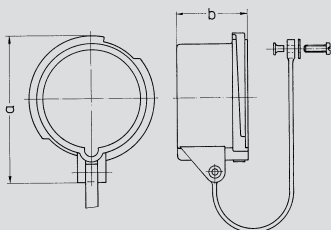
Plugs PowerTOP Xtra

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

☼ IP 67

Product group 2216, type 13212 shown.

Protective covers and Plug guard



Drawing 2 MB 146	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	70	79	86	91	91	99
	b	41	41	42	51	51	52

Drawing 2 MB 146	Amp. Poles	63			125		
		3	4	5	3	4	5
Dim. in mm	a	108	108	108	119	119	119
	b	73	73	73	79	79	79

Protective covers

for watertight plugs
for wall and panel mounted inlets

for ☼ IP 67

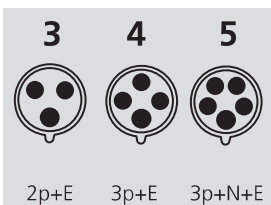
Product group 8276, type 40787 shown.



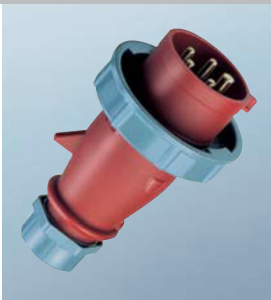
Plug guard

Fits all CEE plugs, panel mounted
and wall mounted inlets from
16A, 3-pole up to 125A, 5-pole
(not suitable for low voltage)

Product group 8300, type 41416 shown.



Amp.	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.	Weight	
Part numbers																					Qty.	g/each



16	3	277	278	279																	10	133
16	4	280	281	282	283		284	285													10	165
16	5	286	287	288																	10	195
32	3	289	290	291																	10	230
32	4	292	293	294	295		296	297													10	245
32	5	298	299	300																	10	292



63	3	13201	13202	13203																	5	
63	4	13204	13205	13206	13207		13208	13209													5	
63	5	13210	13211	13212	13213			13214													5	
125	3	13215	13216																		5	
125	4	13217	13218	13219	13220																5	
125	5	13223	13224	13225	13226			13227													5	

Plugs for use in corrosive environments and under harsh conditions in the AM-TOP® and PowerTOP range
with highly heat resistant contact carrier and nickel plated contacts,
16A up to 125A, protection type IP 44 and IP 67, see chapter 10.



16	3		40784
16	4		40778
16	5		40785
16	7		40785
32	3		40841
32	4		40841
32	5		40786
32	7		40786
63	3		40787
63	4		40787
63	5		40787
125	3		40788
125	4		40788
125	5		40788



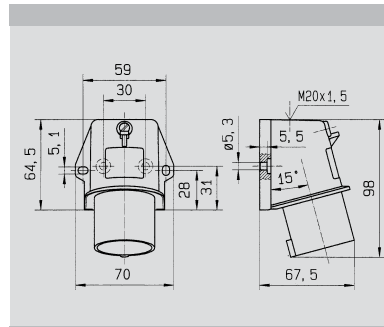
Part no. 41416

MENNEKES CEE inlets

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

Enclosure and insert made of **AMAPLAST**.

Other voltages and frequencies available on request.



Drawing
2 MB 213

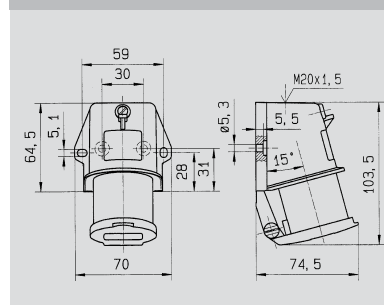
Dim. in mm

Wall/panel mounted inlets

for internal or external fixing,
cable entry also possible from
top or from the rear

▲ IP 44

Product group 2036, type 844 shown.



Drawing
2 MB 212

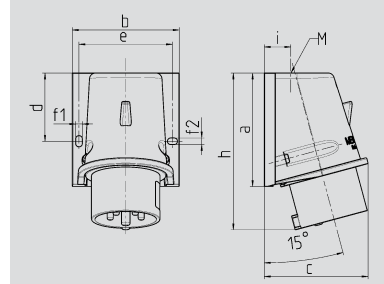
Dim. in mm

Wall/panel mounted inlets with hinged lid

for internal or external fixing,
cable entry also possible from
top or from the rear

▲ IP 44

Product group 2037, type 847 shown.



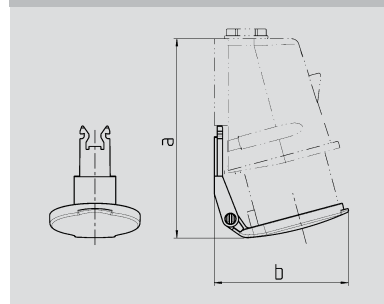
Drawing 2 MB 221	Amp. Poles	16			32		
		4	5		3	4	5
Dim. in mm	a	92.5	92.5		102	102	102
	b	87	87		94	94	94
	c	84.5	84.5		94	94	94
	d	55.5	55.5		62	62	62
	e	76	76		84	84	84
	f1	5.3	5.3		5.3	5.3	5.3
	f2	5.3	5.3		5.3	5.3	5.3
	h	128	128		146	146	146
	i	21.5	21.5		26	26	26
	M	25x1.5	25x1.5		25x1.5	25x1.5	32x1.5

Wall mounted inlets

for external fixing

▲ IP 44

Product group 2136, type 801 shown.

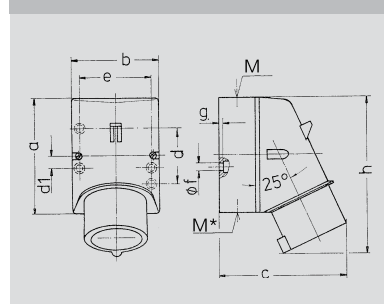


Drawing 2 MB 222	Amp. Poles	16		
		3	4	5
Dim. in mm	a	103.5	134	134
	b	74.4	91	91

Hinged lids for retrofitting

for wall mounted inlets
(part no. 800, 801, 843, 844 and
phase inverters part no. 3517)

Product group 8257, type 41482 shown.



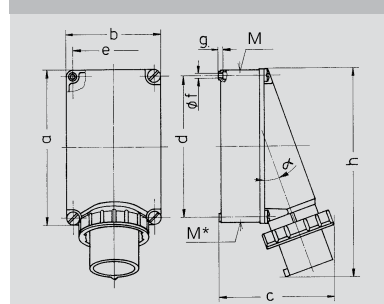
Drawing 2 MB 32	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	87	100	100	128	128	128
	b	64	75	75	84	84	84
	c	93	106	110	133	133	135
	d	40	—	—	—	—	—
	d1	—	10.5	10.5	11	11	11
	e	50.5	59	59	68	68	68
	f	4.5	5	5	5.3	5.3	5.3
	g	4	4	4	4	4	4
	h	122	133	135	169	169	170
	i	20	20	20	25	25	25
	M	20	20	20	25	25	25
	M*	1x20 (blind) to be cut out	1x20 (blind) to be cut out	1x20 (blind) to be cut out	2x25 (blind) to be cut out	2x25 (blind) to be cut out	2x25 (blind) to be cut out
Max. cable diam. (mm)		15	18	18	18/25	18/25	18/25
Terminal for cond. cross		1	1	1	2.5	2.5	2.5
section (mm²) min.-max.		—2.5	—2.5	—2.5	—6	—6	—6

Wall mounted inlets

cable entry also possible from the rear,
knock-out section on the bottom part
of the back box

▲ IP 44

Product group 2045, type 342 shown.



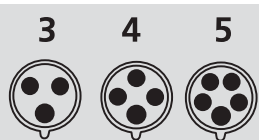
Drawing 2 MB 36	Amp. Poles	63			125	
		3	4	5	4	5
Dim. in mm	a	170	170	170	264	264
	b	118	118	118	163	163
	c	171	171	171	205	205
	d	136	136	136	240	240
	e	104	104	104	140	140
	f	6.1	6.1	6.1	8.1	8.1
	g	6	6	6	8	8
	h	250	250	250	355	355
	i	40	40	40	50	50
	M	40	40	40	50	50
	M*	2x40	2x40	2x40	50	50
	α	25°	25°	25°	20°	20°
Max. cable diam. (mm)		32	32	32	38	38
Terminal for cond. cross		4	4	4	16	16
section (mm²) min.-max.		—10	—10	—10	—35	—35

Wall mounted inlets

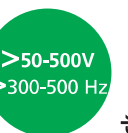
(for a suitable watertight protective
cover, see page 69 in this chapter)

● IP 67

Product group 2048, type 361 shown.



2p+E 3p+E 3p+N+E



Amp. Poles 3-pole 4-pole 5-pole 3-pole 4-pole 5-pole 3-pole 4-pole 5-pole 3-pole 4-pole 5-pole 3-pole 4-pole 5-pole 3-pole 4-pole 5-pole
4h 4h 4h 6h 9h 9h 9h 6h 6h 7h 7h 7h 10h 10h 10h 2h 2h 2h

Part numbers

Std. Pack.

Weight

Qty.

g/each



16 3 843 844

10 107

For hinged lids for retrofit, see position 4 on this page.



16 3 846 847

10 127



16 4 800

10

16 5 801

10 215

32 3 802

10

32 4 803

10

32 5 804

10

For hinged lids for retrofit, see position 4 on this page.



16 3 41482

10 20

16 4 + 5 41489

10 25



16 3 331

332

333

334

335

336

337

338

339

340

341

342

343

344

10 150

16 4 334

335

336

337

338

339

340

341

342

343

344

345

346

347

10 235

16 5 340

341

342

343

344

345

346

347

348

349

350

351

352

353

10 250

32 3 343

344

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346

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10 345

32 4 346

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10 370

32 5 352

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63 3 1216

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63 4 355

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365

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5 855

63 5 359

360

361

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371

372

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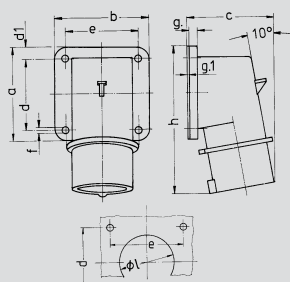
2

MENNEKES CEE inlets

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

Enclosure and insert made of **AMAPLAST**.

Other voltages and frequencies available on request.

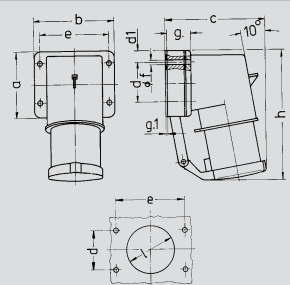


Drawing	Amp.	16		32		
2 MB 73	Poles	4	5	3	4	5
Dim. in mm	a	85	85	75	75	75
	b	85	85	90	90	90
	c	75	79	87	87	90
	d	64	64	45	45	45
	d1	10	10	13	13	13
	e	64	64	78	78	78
	f	5,5	5,5	5,5	5,5	5,5
	g	6	6	6	6	6
	g.1	2	2	2	2	2
	h	129	129	137	137	138
	l	50	50	55	55	55
Terminal for cond. cross section (mm²) min.-max.		1	1	2,5	2,5	2,5
		—2,5	—2,5	—6	—6	—6

Panel mounted inlets

▲ IP 44

Product group 2051, type 379 shown.



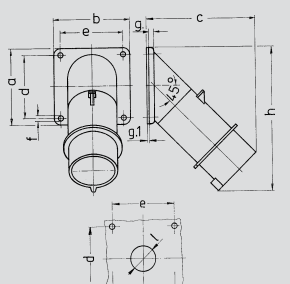
Drawing	Amp.	16		32		
2 MB 43	Poles	4	5	3	4	5
Dim. in mm	a	85	85	75	75	75
	b	85	85	90	90	90
	c	104	106	115	115	117
	d	64	64	45	45	45
	d1	10	10	13	13	13
	e	64	64	78	78	78
	f	5,5	5,5	5,5	5,5	5,5
	g	27	27	27	27	27
	g.1	2	2	1	1	1
	h	140	140	150	150	150
	l	50	50	55	55	55
Terminal for cond. cross section (mm²) min.-max.		1	1	2,5	2,5	2,5
		—2,5	—2,5	—6	—6	—6

Panel mounted inlets

with hinged lid

▲ IP 44

Product group 2057, type 402 shown.

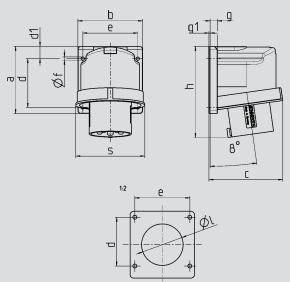


Drawing	Amp.	16		32		
2 MB 39	Poles	5		3	4	5
Dim. in mm	a	85	85	85	85	85
	b	85	85	85	85	85
	c	122		126	126	129
	d	70		70	70	70
	e	70		70	70	70
	f	6,2		6,2	6,2	6,2
	g	6		6	6	6
	g.1	2		2	2	2
	h	161		163	163	170
	l	30		30	30	30
Terminal for cond. cross section (mm²) min.-max.		1		2,5	2,5	2,5
		—2,5		—6	—6	—6

Panel mounted inlets

▲ IP 44

Product group 2055, type 432 shown.



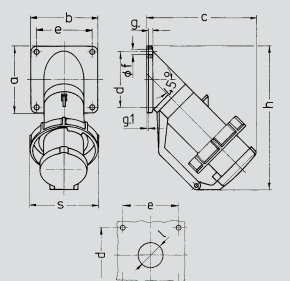
Drawing	Amp.	63	
2 MB 230	Poles	5	
Dim. in mm	a	110	
	b	106	
	c	121	
	d	80	
	d1	20	
	e	90	
	f	5,5	
	g	12	
	g1	2	
	h	149	
	l	68	
	s	113	

Panel mounted inlet

80° inclination,
with highly heat resistant contact
carrier and nickel plated contacts,
with frame terminals and special mount
flange, apparat partial mounted,
20 fixing screws in bag enclosed

▲ IP 67

Product group 2190, type 3611 shown.



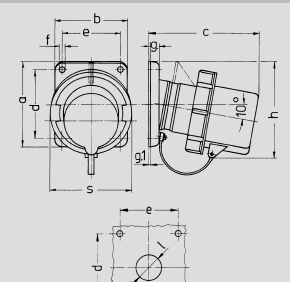
Drawing	Amp.	16		32			63	
2 MB 40	Poles	5		3	4	5	4	5
Dim. in mm	a	85	85	85	85	85	114	114
	b	85	85	85	85	85	114	114
	c	141	141	141	144	180	180	180
	d	70	70	70	70	90	90	90
	e	70	70	70	70	90	90	90
	f	6,2	6,2	6,2	6,2	6,2	6,2	6,2
	g	6	6	6	6	6	6	6
	g.1	2	2	2	2	2	2	2
	h	181	181	181	188	242	242	242
	s	86	93	93	100	113	113	113
	l	30	30	30	30	40	40	40
Terminal for cond. cross section (mm²) min.-max.		1	2,5	2,5	2,5	4	4	4
		—2,5	—6	—6	—6	—10	—10	—10

Panel mounted inlets

with hinged lid

▲ IP 67

Product group 2050, type 464 shown.



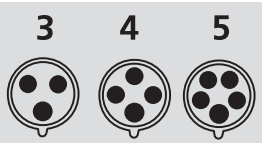
Drawing	Amp.	16		32			63	
2 MB 62	Poles	3	5	5	4	5		
Dim. in mm	a	85	85	85	108	108		
	b	85	85	85	101	101		
	c	132	132	137	164	164		
	d	70	70	70	85	85		
	e	70	70	70	77	77		
	f	6,3	6,3	6,3	6,5	6,5		
	g	11	11	11	12	12		
	g.1	2	2	2	2	2		
	h	100	107	111	130	130		
	s	70	86	102	114	114		
	l	30	30	30	40	40		
Terminal for cond. cross section (mm²) min.-max.		1	1	2,5	4	4		
		—2,5	—2,5	—6	—10	—10		

Panel mounted inlets

with protective cover

▲ IP 67

Product group 2067, type 1253 shown.



110V
50 a. 60 Hz

230V
50 a. 60 Hz

400V
50 a. 60 Hz

500V
50 a. 60 Hz

>50-500V
100-300 Hz

>50-500V
>300-500 Hz

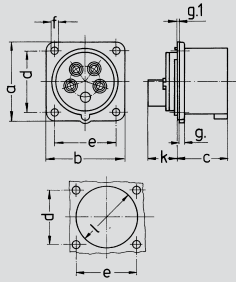
Amp.	Poles	Part numbers																		Qty.	g/each	
		3-pole 4h	4-pole 4h	5-pole 4h	3-pole 6h	4-pole 9h	5-pole 9h	3-pole 9h	4-pole 6h	5-pole 6h	3-pole 7h	4-pole 7h	5-pole 7h	3-pole 10h	4-pole 10h	5-pole 10h	3-pole 2h	4-pole 2h	5-pole 2h			
16	4					372				373										10	172	
	5									379										10	176	
32	3					381														10	224	
	4									385										10	235	
	5									391										10	247	
16	4		392			393				394		395								10	265	
	5		398			399				400										10	275	
32	3		401			402				403										10	320	
	4		404			405				406		407								10	342	
	5		410			411				412										10	365	
16	5									432										10	214	
	3					434														10	228	
32	4									438										10	242	
	5									444										10	275	
63	5									3611										5	694	
16	5					461				462										10	320	
	3					464														10	331	
32	4					467				468		469								10	354	
	5					473				474										10	406	
63	4					476				477		2624								5	722	
	5					479				480										5	750	
16	3	3530				3531														10	210	
	5									1253										10	283	
32	5									1254										10	387	
63	4									1256		1257								5	659	
	5									1259										5	705	

MENNEKES CEE inlets

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

Enclosure and insert made of **AMAPLAST**.

Other voltages and frequencies available on request.



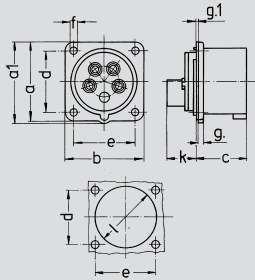
Drawing	Amp.	16
2 MB 68/853	Poles	5
Dim. in mm	a	75
	b	75
	c	42
	d	60
	e	60
	f	5,5
	g	7,3
	g.1	2
	k	13
	l	52
Terminal for cond. cross		1
section (mm ²) min.-max.		—2,5

Panel mounted inlets

a retaining nose to hold the hinged lid of the connector must be provided by the customer in order to ensure satisfactory locking



Product group 2084, type 853 shown.



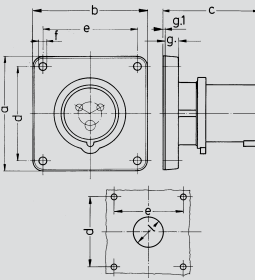
Drawing	Amp.	16	32
2 MB 68	Poles	5	5
Dim. in mm	a	66	72
	a.1	69	78
	b	66	72
	c	43	52
	d	52	60
	e	52	60
	f	4,5	4,5
	g	4,5	4,5
	g.1	2	2
	k	27	32
	l	59	63
Terminal for cond. cross		1	2,5
section (mm ²) min.-max.		—2,5	—6

Panel mounted inlets

a retaining nose to hold the hinged lid of the connector must be provided by the customer in order to ensure satisfactory locking



Product group 2069, type 1408 shown.



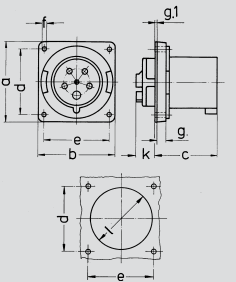
Drawing	Amp.	16	32
2 MB 173/2	Poles	3 4 5	3 4 5
Dim. in mm	a	85,7 85,7 85,7	85,7 85,7 85,7
	b	85,7 85,7 85,7	85,7 85,7 85,7
	c	72 72 72	90 90 90
	d	69,5 69,5 69,5	69,5 69,5 69,5
	e	69,5 69,5 69,5	69,5 69,5 69,5
	f	5,5 5,5 5,5	5,5 5,5 5,5
	g	11 11 11	11 11 11
	g.1	2 2 2	2 2 2
	l	32 36 36	47 47 47
Terminal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

Panel mounted inlets

with nickel plated contacts, a retaining nose to hold the hinged lid of the connector must be provided by the customer in order to ensure satisfactory locking



Product group 2083, type 838 shown.



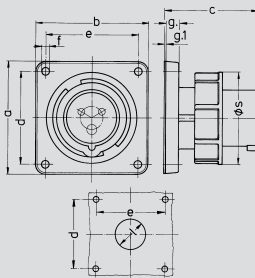
Drawing	Amp.	63
2 MB 155	Poles	3 4 5
Dim. in mm	a	110 110 110
	b	106 106 106
	c	86 86 86
	d	90 90 90
	e	90 90 90
	f	5,5 5,5 5,5
	g	12 12 12
	g.1	2 2 2
	k	28 28 28
	l	86 86 86
Terminal for cond. cross		6 6 6
section (mm ²) min.-max.		—16 —16 —16

Panel mounted inlets

with highly heat resistant contact carrier and nickel plated contacts, a retaining nose to hold the hinged lid of the connector must be provided by the customer in order to ensure satisfactory locking



Product group 2069, type 1688 shown.



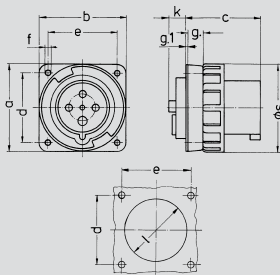
Drawing	Amp.	16	32
2 MB 187/2	Poles	3 4 5	3 4 5
Dim. in mm	a	85,7 85,7 85,7	85,7 85,7 85,7
	b	85,7 85,7 85,7	85,7 85,7 85,7
	c	72 72 72	90 90 90
	d	69,5 69,5 69,5	69,5 69,5 69,5
	e	69,5 69,5 69,5	69,5 69,5 69,5
	f	5,5 5,5 5,5	5,5 5,5 5,5
	g	11 11 11	11 11 11
	g.1	2 2 2	2 2 2
	l	32 36 47	47 47 47
	s	71 79 89	94 94 102
Terminal for cond. cross		1,5 1,5 1,5	2,5 2,5 2,5
section (mm ²) min.-max.		—4 —4 —4	—10 —10 —10

Panel mounted inlets

with nickel plated contacts, a retaining nose to hold the hinged lid of the connector must be provided by the customer in order to ensure satisfactory locking



Product group 2080, type 840 shown.



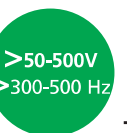
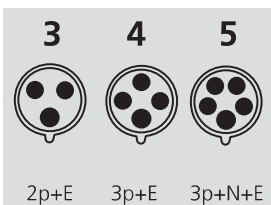
Drawing	Amp.	63	125
2 MB 166	Poles	3 4 5	3 4 5
Dim. in mm	a	110 110 110	130 130 130
	b	106 106 106	130 130 130
	c	86 86 86	112 112 112
	d	90 90 90	104 104 104
	e	90 90 90	104 104 104
	f	5,5 5,5 5,5	6,5 6,5 6,5
	g	12 12 12	18 18 18
	g.1	2 2 2	2 2 2
	k	28 28 28	28 28 28
	l	73 73 73	95 95 95
	s	113 113 113	132 132 132
Terminal for cond. cross		6 6 6	25 25 25
section (mm ²) min.-max.		—16 —16 —16	—70 —70 —70

Panel mounted inlets

with highly heat resistant contact carrier and nickel plated contacts



Product group 2076, type 1983 shown.



Amp.

Poles

3-pole 4-pole 5-pole 3-pole 4-pole 5-pole 3-pole 4-pole 5-pole 3-pole 4-pole 5-pole 3-pole 4-pole 5-pole 3-pole 4-pole 5-pole
4h 4h 4h 6h 9h 9h 9h 6h 6h 7h 7h 7h 10h 10h 10h 2h 2h 2h

Std. Pack.

Weight

Part numbers

Qty. g/each



16	5			853						10	175
----	---	--	--	------------	--	--	--	--	--	----	-----



16	5			1408						10	170
32	5			1409						10	180



16	3		812							10	125
16	4		837	813	814					10	130
16	5			815						10	150
32	3		817							10	195
32	4		838	819	820					10	210
32	5			821						10	245



63	3		1981							5	360
63	4		1984	1982	824					5	475
63	5			1688						5	532



16	3	825	826							10	155
16	4		839	827	828					10	180
16	5			829						10	210
32	3	830	831							10	240
32	4		840	832	833					10	255
32	5			834						10	300



63	3	835	836							5	440
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	1125

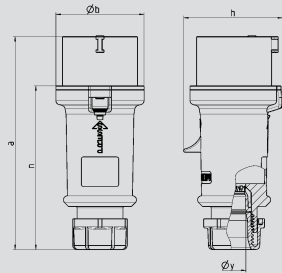
MENNEKES CEE phase inverters

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

Enclosure and insert made of **AMAPLAST**.

Patented phase rotor system, DBP no. 196 45 852.

Other voltages and frequencies available on request.



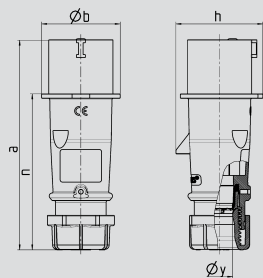
Drawing 2 MB 214	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	148	160	160	197	197	197
	b	55	65,6	65,6	75	75	75
	h	61	72,5	72,5	80,5	80,5	85
	n	112	123,5	123,5	152	152	152
	y	14,5	16	16	22	22	22
Terminal for cond. cross		1	1	1	2,5	2,5	2,5
section (mm ²) min.-max.		—2,5	—2,5	—2,5	—6	—6	—6

Phase inverters ProTOP

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

▲ IP 44

Product group 2144, type 3319 shown.



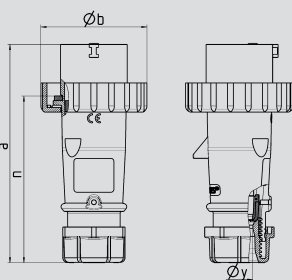
Drawing 2 MB 217	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	142	147	147	186	186	180
	b	53	59	67	70	70	77
	h	59	69,4	76	81	81	89,5
	n	105,2	110,5	110,5	141	141	135
	y	14,5	16	16	22	22	22
Terminal for cond. cross		1	1	1	2,5	2,5	2,5
section (mm ²) min.-max.		—2,5	—2,5	—2,5	—6	—6	—6

Phase inverters AM-TOP®

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

▲ IP 44

Product group 2244, type 319 shown.



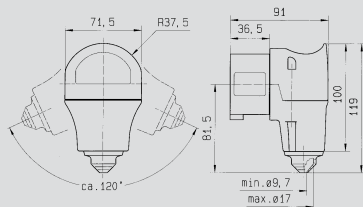
Drawing 2 MB 218	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	142	144	147	186	186	180
	b	70	78	87	94	94	101
	n	109	111	114	145	145	138
	y	14,5	16	16	22	22	22
	Terminal for cond. cross	1	1	1	2,5	2,5	2,5
section (mm ²) min.-max.		—2,5	—2,5	—2,5	—6	—6	—6

Phase inverters AM-TOP®

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

▲ IP 67

Product group 2147, type 328 shown.



Drawing
2 MB 208
Dim. in mm

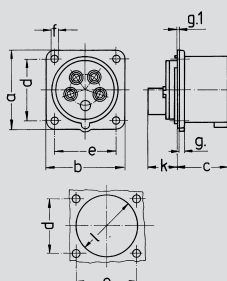
Phase inverters VarioTOP

angled plug
with grommet

**Cable entry hood rotating up
to 60° to the left or right.**

▲ IP 44

Product group 2091, type 859 shown.



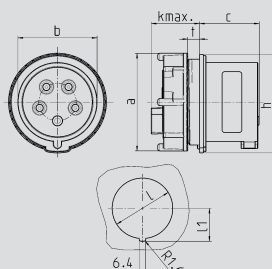
Drawing 2 MB 68/853	Amp. Poles	16	
		5	
Dim. in mm	a	75	
	b	75	
	c	42	
	d	60	
	e	60	
	f	5,5	
	g	7,3	
	g.1	2	
	k	13	
	l	52	
	Terminal for cond. cross	1	
section (mm ²) min.-max.		—2,5	

Phase inverters

designed as a panel mounted inlet,
a retaning nose to hold the hinged lid
of the connector must be provided by
the customer in order to ensure
satisfactory locking

▲ IP 44

Product group 2085, type 854 shown.



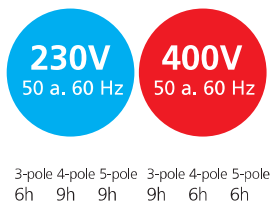
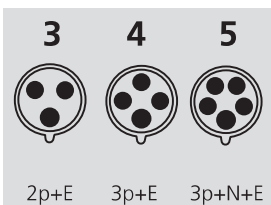
Drawing 2 MB 215	Amp. Poles	16		32		
		4	5	3	4	5
Dim. in mm	a	78	78	78	78	78
	b	50	56	58	58	64
	c	45	44	51	51	51
	k max.	33	33	33	33	33
	h	82	82	82	82	82
	l	70	70	70	70	70
	l1	37,75	37,75	37,75	37,75	37,75
	t	wall thicknesses 2-9mm		wall thicknesses 2-9mm		
	Terminal for cond. cross	1,5	1,5	2,5	2,5	2,5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

Phase inverters RAPIDO®

designed as a panel mounted inlet,
for wall apertures
70 mm diameter,
central fixing, a retaning nose to hold
the hinged lid of the connector must
be provided by the customer in
order to ensure satisfactory locking

▲ IP 44

Product group 2086, type 937 shown.



  			 						Std. Pack.	Weight			
2p+E 3p+E 3p+N+E			Amp.	Poles	3-pole 4-pole 5-pole 3-pole 4-pole 5-pole 6h 9h 9h 9h 6h 6h								
Part numbers												Qty.	g/each
	16	5								3319	10	181	
	32	5								3322	10	295	
	16	4				338				339	10	155	
	16	5				318				319	10	179	
	32	4				396				397	10	240	
	32	5				321				322	10	279	
	16	4				3338				3339	10	170	
	16	5								325	10	200	
	32	4				3340				3341	10	250	
	32	5				327				328	10	297	
	16	5								859	10	190	
	Especially suitable for use with receptacles of the Cepex range.												
	16	5								854	10	180	
	16	5								937	10		
	32	5								992	10		

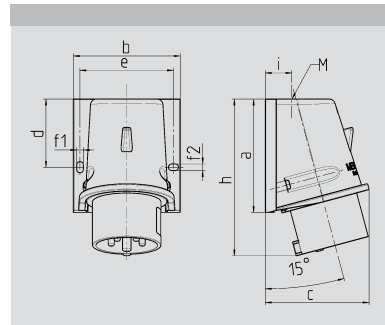
MENNEKES CEE phase inverters

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

Enclosure and insert made of **AMAPLAST**.

Patented phase rotor system, DBP no. 196 45 852.

Other voltages and frequencies available on request.



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

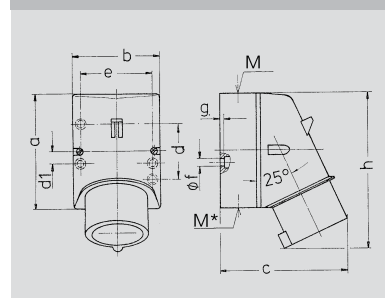
Phase inverters

as wall inlet,
with external fixing

Hinged lid for retrofit
see page 70/71.

▲ IP 44

Product group 2052, type 3517 shown.



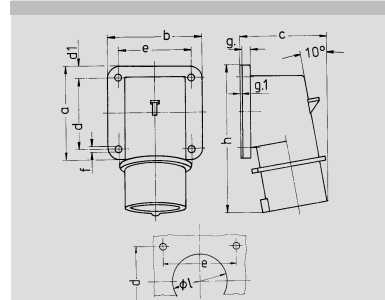
Drawing 2 MB 32	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	87	100	100	128	128	128
	b	64	75	75	84	84	84
	c	93	106	110	133	133	135
	d	40	—	—	—	—	—
	d1	—	10,5	10,5	11	11	11
	e	50,5	59	59	68	68	68
	f	4,5	5	5	5,3	5,3	5,3
	g	4	4	4	4	4	4
	h	122	133	135	169	169	170
	M	20	20	20	25	25	25
	M*	1x20 (blind)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

Phase inverters

as wall inlet

▲ IP 44

Product group 2066, type 2511 shown.



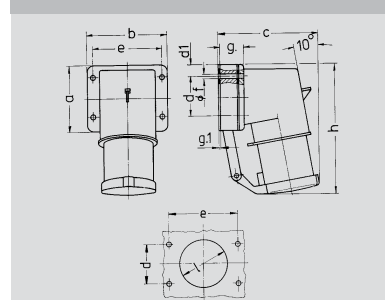
Drawing 2 MB 73	Amp. Poles	16		32		
		4	5	3	4	5
Dim. in mm	a	85	85	75	75	75
	b	85	85	90	90	90
	c	75	79	87	87	90
	d	64	64	45	45	45
	d1	10	10	13	13	13
	e	64	64	78	78	78
	f	5,5	5,5	5,5	5,5	5,5
	g	6	6	6	6	6
	g.1	2	2	2	2	2
	h	129	129	137	137	138
	l	50	50	55	55	55
Terminal for cond. cross section (mm²) min.-max.		1	1	2,5	2,5	2,5
		—2,5	—2,5	—6	—6	—6

Phase inverters

as panel mounted inlet
without a hinged lid

▲ IP 44

Product group 2060, type 329 shown.



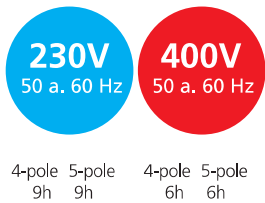
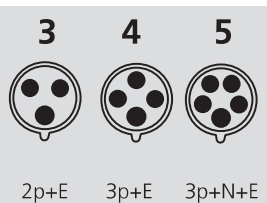
Drawing 2 MB 43	Amp. Poles	16		32		
		4	5	3	4	5
Dim. in mm	a	85	85	75	75	75
	b	85	85	90	90	90
	c	104	106	115	115	117
	d	64	64	45	45	45
	d1	10	10	13	13	13
	e	64	64	78	78	78
	f	5,5	5,5	5,5	5,5	5,5
	g	27	27	27	27	27
	g.1	2	2	1	1	1
	h	140	140	150	150	150
	l	50	50	55	55	55
Terminal for cond. cross section (mm²) min.-max.		1	1	2,5	2,5	2,5
		—2,5	—2,5	—6	—6	—6

Phase inverters

as panel mounted inlet
with a hinged lid

▲ IP 44

Product group 2062, type 20970 shown.



	Amp.	Poles	Part numbers		Std. Pack.	Weight
			Qty.	g/each		
	16	5		3517	10	215
	32	5		3523	10	
	16	4	3342	3343	10	235
	16	5		2511	10	250
	32	4	3345	3346	10	370
	32	5	3347	2478	10	390
	16	4	3357	855	10	172
	16	5		329	10	176
	32	4	3367	3368	10	235
	32	5	913	330	10	247
	16	4	3348	3350	10	265
	16	5		20970	10	275
	32	4	3355	3356	10	347
	32	5	3717	21241	10	365



Your insurance in the case of
blackouts:

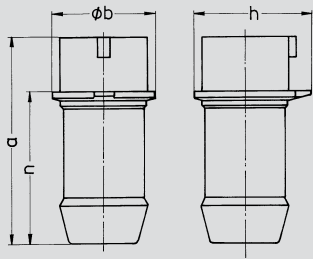
Emergency power supply

16A up to 125A from MENNEKES.

Products for „Emergency power supply“
see chapter 18.

MENNEKES CEE phase sequence test plugs

to VDE 0413, part 7, DIN-EN 61557-7.



Drawing	Amp.	16		32		63	
		Poles		4	5	4	5
2 MB 140							
Dim. in mm	a	126	129	145	145	211	211
	b	60	65	66	74	100	100
	h	62	69	71	80	100	100
	n	90	93	99	99	145	145

Phase sequence test plugs
to VDE 0413, part 7, DIN-EN 61557-7

 IP 44
Product group 2070, type 1414 shown.

**Phase sequence test plug
for container receptacles,**
see chapter 13.

MENNEKES phase sequence test plug



