

X-CONTACT

The new generation of contact sleeves



More contact

Due to a completely new manufacturing process, the X-CONTACT sleeve obtains resilient properties based solely on its material characteristics, without the need to use any additional spring elements. Thanks to the design of the X-CONTACT sleeve, a particularly safe contact closure can be achieved.



Less effort

The special design of the X-CONTACT reduces the effort of insertion and withdrawal by up to 50 %. An advantage that simplifies work processes and improves safety especially with high electrical currents. With X-CONTACT, MENNEKES creates a safe contact closure and easy handling at a new, equally high level.

Get more information on the new generation of contact sleeves at:

www.x-contact.info

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The X principle

Easy handling meets safe connections.

Innovative

Slotted sleeves with their resilient material properties reduces the force needed to connect and disconnect the plug by up to 50 %.

X-CONTACT – intelligently innovative!

Simple

The connection can now be handled by one person even with a current of 125 A.

X-CONTACT – simply brilliant!

Durable

No signs of wear, permanently fatigue-proof and self-cleaning by connecting and disconnecting.

X-CONTACT – lasting solution!

Safe

A higher degree of safety of handling – for a safe contact closure.

X-CONTACT – double safety!



PowerTOP Xtra

Extra slip-proof. Extra shock-resistant. Extra protected.

Plugs and connectors for toughest conditions – that's PowerTOP Xtra. The unique rubber coating of the contact surfaces and the ergonomic design guarantees best grip – even with working gloves.

Tough

The plugs provide better corrosion protection thanks to nickel plated contacts. More safety through highly heat resistant contact carrier.

Easy and fast installation

- Substantially reduced installation times through largely tool-free installation.
- Locking slides instead of screws and especially smooth cable gland with integrated strain relief, seal and protection against kinking.

Always clean, always safe

- 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.
- Moulded seals in the connector lid and the front part of the plug.
- Integrated opening aid on the connector lid.

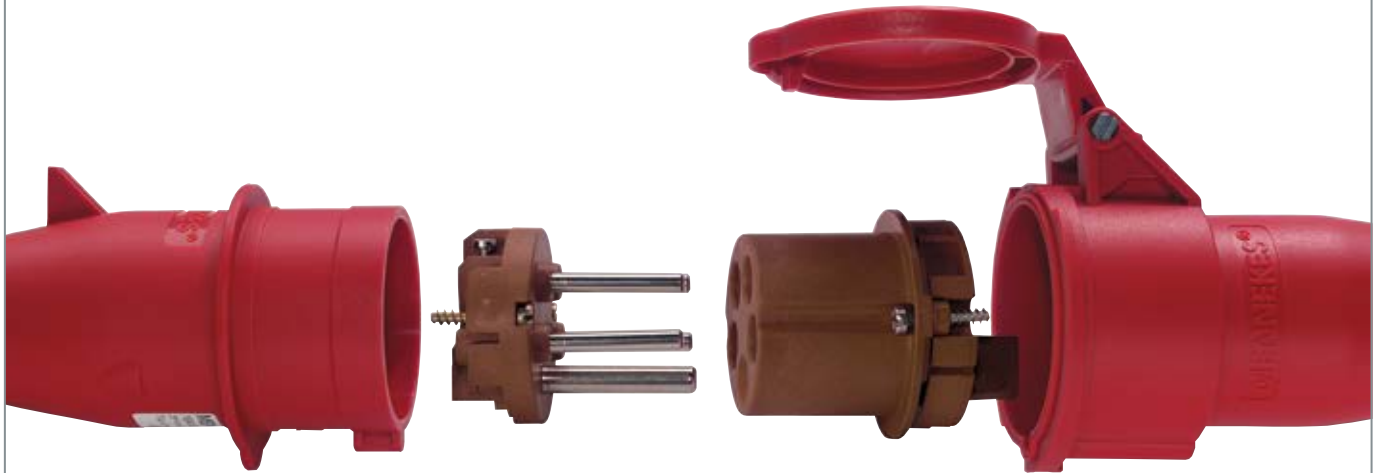


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- Connectors with highly heat resistant contact carrier; nickel plated contact sleeves also available on request. Pilot contact standard with plugs; optionally available for connectors.
- Comfortable self-locating thread lock between front and back part.
- Stable and fast locking without screws. Unlocking only with just a tool according to the regulations.
- Safe contact: Simply insert and pull by X-CONTACT: At 63 A and 125 A.

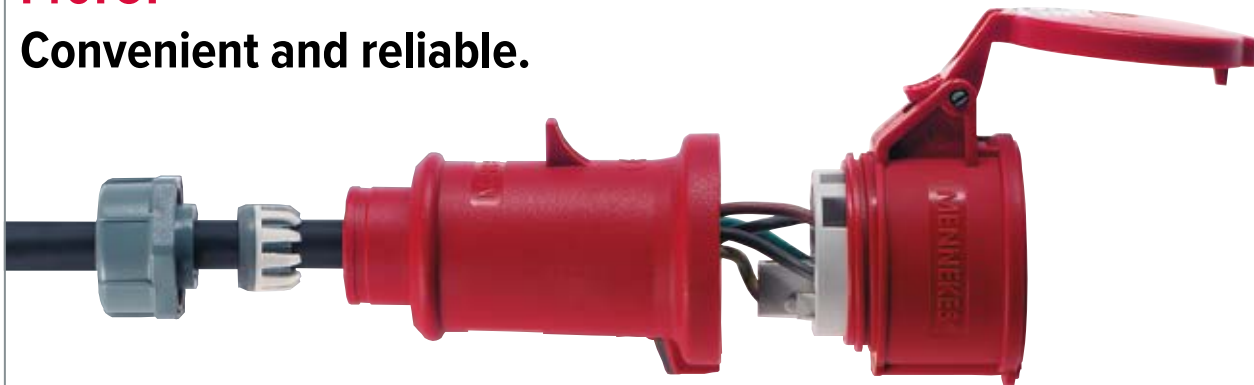
AM-TOP and PowerTOP for use in corrosive environments.



Highly heat resistant contact carrier and nickel plated contacts.

These appliances are guaranteed to be resistant to corrosive environments: High humidity, salt or acidic air, corrosive gases and vapours. Accordingly, they are mainly used **in the food processing industry, in breweries, dairies, farms and market gardens, wineries.**

ProTOP Convenient and reliable.



Many handy features, e.g., the self-locating thread for tight and stable connection of cover and front part.
Cable gland with internal strain relief.


Angled plug VarioTOP Ergonomic. Practical. Safe.



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

Plugs and connectors – Plugs


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



Plug ProTOP
enclosure with thread lock and safety slide

IP 44
Std. Pack. Qty: 10


A	P	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 300-500 Hz
16	3	147A	148A				
16	4		151A	152A	153A		
16	5			13A			
32	3	159	160				
32	4		163	164	165		
32	5			14A			



Plug StarTOP
screwless, with SafeCONTACT, enclosure with thread lock and safety slide

IP 44
Std. Pack. Qty: 10


A	P	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 300-500 Hz
16	3	947	948				
16	4		951	952	953	954	
16	5			33			
32	3	711	712				
32	4		717	719	723		
32	5			34			



Plug AM-TOP
single part body

IP 44
Std. Pack. Qty: 10


A	P	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 300-500 Hz
16	3	247	248	249		2168	2271
16	4	250	251	252	253	254	255
16	5	256	257	3	2014	2189	2243
32	3	259	260	261		2195	2341
32	4	262	263	264	265	266	267
32	5	268	269	4	2015	2244	2178



Plug PowerTOP Xtra
rubberised grip area, highly heat resistant contact carrier, frame terminals, nickel plated contacts, cable gland and sealing, strain relief and protection against kinking

IP 44
Std. Pack. Qty: 5


A	P	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 300-500 Hz
63	3	13101	13102				
63	4		13105	13106	13107		
63	5		13111	13112			



Plug PowerTOP
highly heat resistant contact carrier, nickel plated contacts, cable gland and external cable grip

IP 44
Std. Pack. Qty: 10

A	P	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 300-500 Hz
16	3	3918	3919	3920			
16	4	3925	3927	3926	3928		
16	5	3934	3936	3935			
32	3	3942	3943	3944			
32	4	3945	3946	3947	3948		
32	5	3951	3952	3977			









Angled plug VarioTOP
cable entry hood rotating up to 60° to the left or the right, 3981 and 3980: in colour code 3983 and 3982: in electric grey

IP 44
Std. Pack. Qty: 10

A	P	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 300-500 Hz
16	5		3981	3980			
16	5		3983	3982			


Plugs and connectors – Plugs

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

 <p>Angled plug with grommet, nickel plated, contacts</p> <p>IP 44 Std. Pack. Qty: 10</p>	A	P	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 300-500 Hz	
	16	3	1410	1411				
 <p>Angled plug with grommet, nickel plated, contacts</p> <p>IP 44 Std. Pack. Qty: 10</p>	A	P	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 300-500 Hz	
	16	4	1410	891	315			
 <p>Angled plug with grommet, nickel plated, contacts</p> <p>IP 44 Std. Pack. Qty: 10</p>	A	P	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 300-500 Hz	
	32	3	3312	3306				
	32	4		3646	3987			
	32	5		3424	3266			
 <p>Plug AM-TOP single part body, cable gland and sealing, strain relief and protection against kinking</p> <p>IP 67 Std. Pack. Qty: 10</p>	A	P	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 300-500 Hz	
	16	3	277	278	279			
	16	4	280	281	282	283	284	285
	16	5	286	287	288			
	32	3	289	290	291			
	32	4	292	293	294	295	296	297
	32	5	298	299	300			
 <p>Plug PowerTOP with external cable grip, highly heat resistant contact carrier and nickel plated contacts</p> <p>IP 67 Std. Pack. Qty: 10</p>	A	P	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 300-500 Hz	
	16	3	3794	3796	3799			
	16	4	3807	3811	3809	3810		
	16	5	3819	3823	3821			
	32	3	3829	3830	3832			
	32	4	3839	3844	3841	3842		
 <p>Plug PowerTOP Xtra rubberised grip area, highly heat resistant contact carrier, frame terminals, nickel plated contacts, cable gland and sealing, strain relief and protection against kinking</p> <p>IP 67 Std. Pack. Qty: 5</p>	A	P	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 300-500 Hz	
	63	3	13201	13202	13203			
	63	4	13204	13205	13206	13207	13208	13209
	63	5	13210	13211	13212	13213		13214
	125	3	13215	13216				
	125	4	13217	13218	13219	13220		
125	5	13223	13224	13225	13226		13227	

Plugs and connectors – Wall mounted inlets


to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request. For drawings and dimensions see page 105 - 117.



Wall mounted inlet
for internal and external fixing, for hinged lids for retrofit see part no. 41482 and 41489

IP 44
Std. Pack. Qty: 10
Drawing: 2 MB 213


A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
16	3	843	844				



Wall mounted inlet
with hinged lid, for internal and external fixing

IP 44
Std. Pack. Qty: 10
Drawing: 2 MB 212


A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
16	3	846	847				



Wall mounted inlet
for external fixing, for hinged lids for retrofit see part no. 41482 and 41489

IP 44
Std. Pack. Qty: 10
Drawing: 2 MB 221


A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
16	4			800			
16	5			801			
32	3		802				
32	4			803			
32	5			804			



Wall mounted inlet
enclosure base with stamped recess for quick cutting out

IP 44
Std. Pack. Qty: 10
Drawing: 2 MB 32


A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
16	3	331	332	333			
16	4	334	335	336	337	921	922
16	5	340	341	342	2359	2668	2400
32	3	343	344	345			
32	4	346	347	348	349		
32	5	352	353	354	2386		



Wall mounted inlet
for a suitable watertight protective cover for 63 A see part no. 40434

IP 67
Std. Pack. Qty: 5/3
Drawing: 2 MB 36

A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
63	3	1216	1107	1217			
63	4	355	356	357	358		
63	5	359	360	361			
125	4	362	363	364	365		
125	5	366	367	368			



Hinged lid for retrofitting for wall mounted inlets

Std. Pack. Qty: 10

Description	Part no.
for part no. 843 and 844	41482
for part no. 800, 801 and 3517	41489

Plugs and connectors – Panel mounted inlets

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request. For drawings and dimensions see page 105 - 117.



Panel mounted inlet

IP 44
Std. Pack. Qty: 10
Drawing: 2 MB 73

A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
16	4	371	372	373			
16	5			379			
32	3	380	381	382			
32	4	383	384	385	386		
32	5			391			








**Panel mounted inlet
with hinged lid**

IP 44
Std. Pack. Qty: 10
Drawing: 2 MB 43

A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
16	4	392	393	394	395		
16	5	398	399	400			
32	3	401	402	403			
32	4	404	405	406	407		
32	5	410	411	412			

Plugs and connectors – Panel mounted inlets

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request. For drawings and dimensions see page 105 - 117.

	<p>Panel mounted inlet 16 A: flange 66 x 66 mm, fixing distance 52 x 52 mm, 32 A: flange 72 x 72 mm, fixing distance 60 x 60 mm, a retaining nose to hold the hinged lid of the connector must be provided by the customer in order to ensure satisfactory locking IP 44 Std. Pack. Qty: 10 Drawing: 2 MB 68</p>	<table border="1"> <thead> <tr> <th>A</th> <th>P</th> <th>110 V 50 a. 60 Hz</th> <th>230 V 50 a. 60 Hz</th> <th>400 V 50 a. 60 Hz</th> <th>500 V 50 a. 60 Hz</th> <th>>50 - 500 V 100-300 Hz</th> <th>>50 - 500 V 300-500 Hz</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>5</td> <td></td> <td></td> <td>1408</td> <td></td> <td></td> <td></td> </tr> <tr> <td>32</td> <td>5</td> <td></td> <td></td> <td>1409</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	A	P	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 300-500 Hz	16	5			1408				32	5			1409																																			
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	<p>Panel mounted inlet flange 75 x 75 mm, fixing distance 60 x 60 mm, a retaining nose to hold the hinged lid of the connector must be provided by the customer in order to ensure satisfactory locking IP 44 Std. Pack. Qty: 10 Drawing: 2 MB 68/853</p>	<table border="1"> <thead> <tr> <th>A</th> <th>P</th> <th>110 V 50 a. 60 Hz</th> <th>230 V 50 a. 60 Hz</th> <th>400 V 50 a. 60 Hz</th> <th>500 V 50 a. 60 Hz</th> <th>>50 - 500 V 100-300 Hz</th> <th>>50 - 500 V 300-500 Hz</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>5</td> <td></td> <td></td> <td>853</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	A	P	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 300-500 Hz	16	5			853																																											
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	<p>Panel mounted inlet 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 IP 44 Std. Pack. Qty: 10 Drawing: 2 MB 173/2</p>	<table border="1"> <thead> <tr> <th>A</th> <th>P</th> <th>110 V 50 a. 60 Hz</th> <th>230 V 50 a. 60 Hz</th> <th>400 V 50 a. 60 Hz</th> <th>500 V 50 a. 60 Hz</th> <th>>50 - 500 V 100-300 Hz</th> <th>>50 - 500 V 300-500 Hz</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>3</td> <td></td> <td>812</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>16</td> <td>4</td> <td></td> <td>837</td> <td>813</td> <td>814</td> <td></td> <td></td> </tr> <tr> <td>16</td> <td>5</td> <td></td> <td></td> <td>815</td> <td></td> <td></td> <td></td> </tr> <tr> <td>32</td> <td>3</td> <td></td> <td>817</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>32</td> <td>4</td> <td></td> <td>838</td> <td>819</td> <td>820</td> <td></td> <td></td> </tr> <tr> <td>32</td> <td>5</td> <td></td> <td></td> <td>821</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	A	P	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 300-500 Hz	16	3		812					16	4		837	813	814			16	5			815				32	3		817					32	4		838	819	820			32	5			821			
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	<p>Panel mounted inlet highly heat resistant contact carrier, 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 IP 44 Std. Pack. Qty: 5 Drawing: 2 MB 155</p>	<table border="1"> <thead> <tr> <th>A</th> <th>P</th> <th>110 V 50 a. 60 Hz</th> <th>230 V 50 a. 60 Hz</th> <th>400 V 50 a. 60 Hz</th> <th>500 V 50 a. 60 Hz</th> <th>>50 - 500 V 100-300 Hz</th> <th>>50 - 500 V 300-500 Hz</th> </tr> </thead> <tbody> <tr> <td>63</td> <td>3</td> <td></td> <td>1981</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>63</td> <td>4</td> <td></td> <td>1984</td> <td>1982</td> <td>824</td> <td></td> <td></td> </tr> <tr> <td>63</td> <td>5</td> <td></td> <td></td> <td>1688</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	A	P	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 300-500 Hz	63	3		1981					63	4		1984	1982	824			63	5			1688																											
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	<p>Panel mounted inlet highly heat resistant contact carrier, nickel plated contacts 63 A: a retaining nose to hold the hinged lid of the connector must be provided by the customer in order to ensure satisfactory locking IP 67 Std. Pack. Qty: 5 Drawing: 2 MB 166</p>	<table border="1"> <thead> <tr> <th>A</th> <th>P</th> <th>110 V 50 a. 60 Hz</th> <th>230 V 50 a. 60 Hz</th> <th>400 V 50 a. 60 Hz</th> <th>500 V 50 a. 60 Hz</th> <th>>50 - 500 V 100-300 Hz</th> <th>>50 - 500 V 300-500 Hz</th> </tr> </thead> <tbody> <tr> <td>63</td> <td>3</td> <td>835</td> <td>836</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>63</td> <td>4</td> <td></td> <td>3704</td> <td>3656</td> <td>3657</td> <td></td> <td></td> </tr> <tr> <td>63</td> <td>5</td> <td></td> <td></td> <td>3658</td> <td></td> <td></td> <td></td> </tr> <tr> <td>125</td> <td>3</td> <td></td> <td>3665</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>125</td> <td>4</td> <td></td> <td>3413</td> <td>3583</td> <td>3600</td> <td></td> <td></td> </tr> <tr> <td>125</td> <td>5</td> <td></td> <td></td> <td>1983</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	A	P	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 300-500 Hz	63	3	835	836					63	4		3704	3656	3657			63	5			3658				125	3		3665					125	4		3413	3583	3600			125	5			1983			
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Plugs and connectors – Phase sequence test plugs

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

		Phase sequence test plug to VDE 0413, part 7, DIN-EN 61557-7		A	P	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	
		IP 44 Std. Pack. Qty: 5								100-300 Hz	300-500 Hz
				16	4		3527	3458	3459		
				16	5		3231	1414			
				32	4		3528	3460	3461		
				32	5		3232	1415			
				63	4		3420	1436	3917		
				63	5			1437			

Phase sequence test plug

Enables safe control of the direction of the rotating field for CEE receptacles.

According to VDE 0100-550 part 4.7 rotary current receptacles must be connected such that a right-hand rotating field is achieved - the receptacles seen from front in clockwise direction.

The test plug differs from a standard plug by its transparent enclosure indicating a right-hand or left-hand rotating field or a missing phase by means of two control lamps.

Correct rotating field: Green lamp lights up.

Incorrect rotating field: Red lamp lights up.


Phase missing: Both lamps light up.

The control lamps inside the transparent enclosure are arranged so as to be perfectly visible from all sides.



Plugs and connectors – Phase inverter plugs


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



Phase inverter plug AM-TOP
single part body, cable gland and sealing, strain relief and protection against kinking

IP 44
Std. Pack. Qty: 10


A	P	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	300-500 Hz				
16	4		338	339			
16	5		318	319			
32	4		396	397			
32	5		321	322			



Phase inverter plug ProTOP
cable gland and sealing

IP 44
Std. Pack. Qty: 10


A	P	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	300-500 Hz				
16	5			3319A			
32	5			3322			



Phase inverter plug AM-TOP
single part body

IP 67
Std. Pack. Qty: 10


A	P	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	300-500 Hz				
16	4		3338	3339			
16	5			325			
32	4		3340	3341			
32	5		327	328			



Phase inverter plug VarioTOP
cable entry hood rotating up to 60° to the left or the right

IP 44
Std. Pack. Qty: 5

A	P	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	300-500 Hz				
16	5			859			



Phase inverter plug

4- and 5-pole phase inverters – making life easier.

If three phase equipment rotates in the wrong direction the MENNEKES phase inverter plug solves the problem rapidly and safely.

Simply depress the latch with a screw-driver and turn the insulating element in which the two phase pins are fitted and the motor will rotate in the correct direction. Anybody can do this – no specialised knowledge of the workings of electrical equipment is required.

Using a phase inverter to change over the two phase conductors is a recognised technique of “operating electrical equipment”. Two outer conductors rotatable through 180°.

Plugs and connectors – Phase inverter inlets

to DIN VDE 0623, EN 60309-2. Other voltages and frequencies available on request. For drawings and dimensions see page 105 - 117.



Wall mounted phase inverter inlet

IP 44
Std. Pack. Qty: 10
Drawing: 2 MB 221

A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
16	5			3517			
32	5			3523			



Wall mounted phase inverter inlet

IP 44
Std. Pack. Qty: 10
Drawing: 2 MB 32

A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
16	4		3342	3343			
16	5			2511			
32	4		3345	3346			
32	5		3347	2478			



Panel mounted phase inverter inlet

IP 44
Std. Pack. Qty: 10
Drawing: 2 MB 73

A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
16	4		3357	855			
16	5			329			
32	4		3367	3368			
32	5		913	330			



Panel mounted phase inverter inlet
with hinged lid

IP 44
Std. Pack. Qty: 10
Drawing: 2 MB 43

A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
16	4		3348	3350			
16	5			20970			
32	4		3355	3356			
32	5		3717	21241			



Panel mounted phase inverter inlet


flange 75 x 75 mm,
fixing distance 60 x 60 mm,
a retaining nose to hold the hinged
lid of the connector must be
provided by the customer in order
to ensure satisfactory locking

IP 44
Std. Pack. Qty: 10
Drawing: 2 MB 68/853

A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
16	5			854			

Plugs and connectors – Connectors

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




Connector AM-TOP
single part body

* For use on camping sites, please select type 180AC

IP 44
Std. Pack. Qty: 10

A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
16	3	509	510*	511		2441	2517
16	4	512	513	514	515	516	517
16	5	518	519	5	2026	2193	2495
32	3	521	522	523		2196	2674
32	4	524	525	526	527	528	529
32	5	530	531	6	2027	2245	2493




Connector ProTOP
cable gland and sealing

* For use on camping sites, please select type 180AC

IP 44
Std. Pack. Qty: 10

A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
16	3	179A	180A*	181A			
16	4		193A	194A	195A		
16	5			15A			
32	3	121	122				
32	4		125	126	127		
32	5			16A			




Connector StarTOP
screwless, with insulation displacing technique, SafeCONTACT, cable gland and sealing

* For use on camping sites, please select type 180AC

IP 44
Std. Pack. Qty: 10

A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
16	3	979	980*				
16	4		993	994	965	996	
16	5			35			
32	3	725	731				
32	4		761	763	765		
32	5			36			



Connector PowerTOP Xtra
X-CONTACT, rubberised grip area, frame terminals, cable gland and sealing


IP 44
Std. Pack. Qty: 5

A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
63	3	14101	14102				
63	4		14105	14106	14107		
63	5		14111	14112			

NEW

X-CONTACT

INSIDE







Get more information on the new generation of contact sleeves:
on page 26 or at www.x-contact.info




Plugs and connectors – Connectors

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

 <p>Connector PowerTOP highly heat resistant contact carrier, cable gland and external cable grip</p> <p>IP 44 Std. Pack. Qty: 10</p>	A	P	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 300-500 Hz	
	16	3	3953	3954				
	16	4	3956	3957	3958	3959		
	16	5	3962	3963	3964			
	32	3	3965	3966	3967			
	32	4		3969	3970	3971		
	32	5	3974	3975	3976			
 <p>Angled connector with grommet</p> <p>IP 44 Std. Pack. Qty: 10</p>	A	P	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 300-500 Hz	
	16	3		1438				
 <p>Hanging connector PowerTOP with highly heat resistant contact carrier, cable gland and external cable grip, hanging clip</p> <p>IP 44 Std. Pack. Qty: 10</p>	A	P	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 300-500 Hz	
	16	5			3778			
	32	5			3999			
 <p>Connector PowerTOP with external cable grip and highly heat resistant contact carrier</p> <p>IP 67 Std. Pack. Qty: 10</p>	A	P	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 300-500 Hz	
	16	3	3859	3860	3862			
	16	4	3869	3873	3871	3872		
	16	5	3879	3883	3881			
	32	3	3887	3888	3891			
	32	4	3896	3899	3897	3898		
	32	5	3905	3909	3907			

Plugs and connectors – Connectors


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



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

IP 67
Std. Pack. Qty: 10


A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
16	3	539	540	541			
16	4	542	543	544	545	546	547
16	5	548	549	550			
32	3	551	552	553			
32	4	554	555	556	557	558	559
32	5	560	561	562			



Connector PowerTOP Xtra
X-CONTACT, rubberised grip area, highly heat resistant contact carrier, frame terminals, cable gland and sealing, strain relief and protection against kinking

IP 67
Std. Pack. Qty: 5

A	P	110 V	230 V	400 V	500 V	>50 - 500 V	
		50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	50 a. 60 Hz	100-300 Hz	300-500 Hz
63	3	14201	14202	14203			
63	4	14204	14205	14206	14207	14208	14209
63	5	14210	14211	14212	14213		14214
125	3	14215	14216				
125	4	14217	14218	14219	14220		
125	5	14223	14224	14225	14226		14227



Hanging clip
or PowerTOP plugs and connectors

Std. Pack. Qty: 100

Description	Part no.
for 16 A, 3 to 5 p and 32 A, 3 + 4 p	15453000
for 32 A, 5 p	15452000