

 **MENNEKES®**

Plugs for the world

# PowerTOP – the new generation



**PowerTOP –  
the new generation  
by MENNEKES.**  
Plugs and connectors  
for toughest conditions.

"Each step has to be spot on, especially under extremely tough conditions. That's why I rely on PowerTOP plus."

Shock-resistant.  
Protected.  
Comfortable.



# Reliable

The plugs provide better corrosion protection in aggressive environments and at high degrees of air humidity thanks to nickel-plated contacts. More safety through highly heat-resistant contact carriers.

**Comfortable:**

Easier opening and closing of the hinged lid through integrated opening aid on the connector lid.

**Clean:**

Closed, easy to clean surface: cable gland is always located directly on the plug and connector body.

**Fast:**

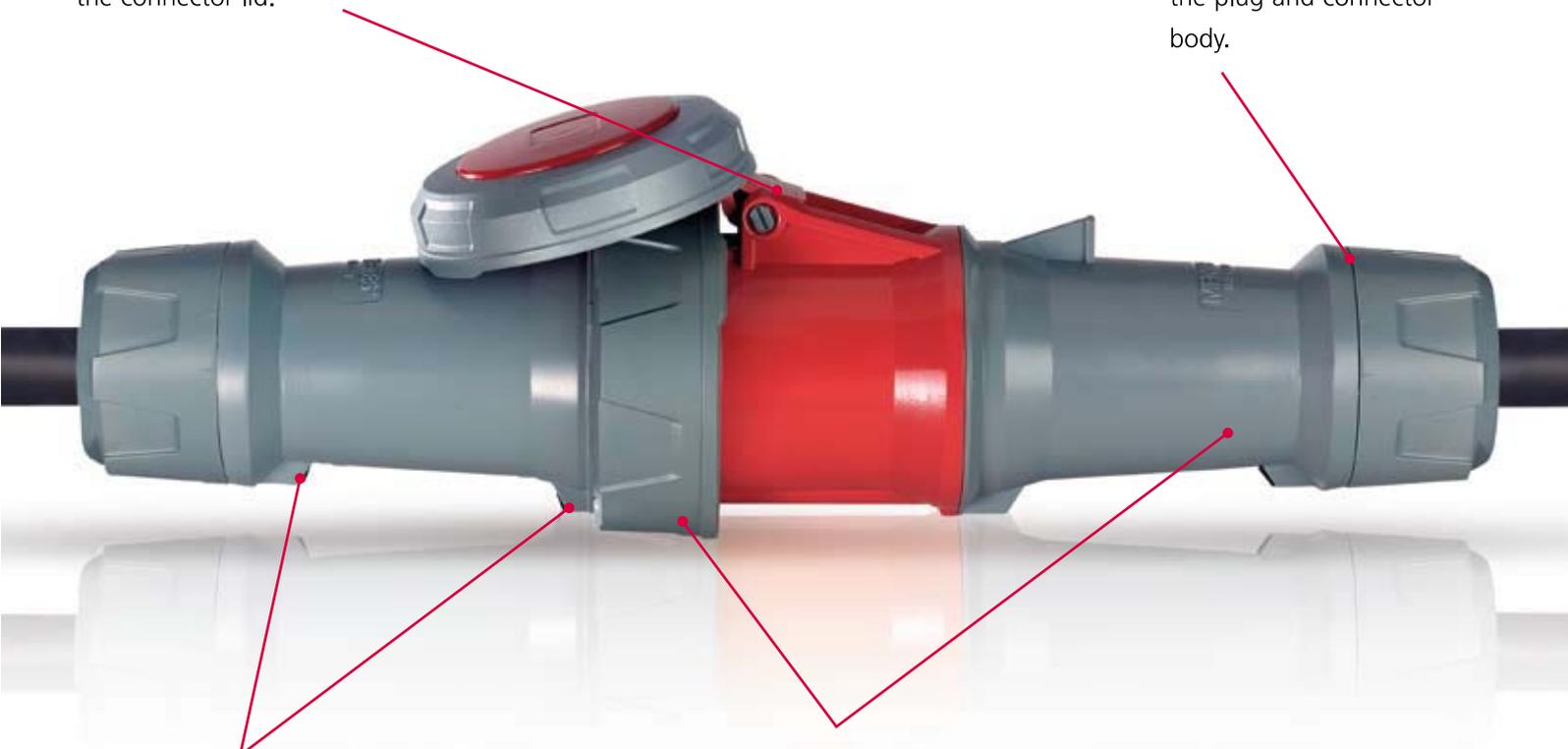
Screws are only required for wire connection thanks to practical rear and front locking slides.

**Slip-proof:**

Best grip through unique ergonomic design.

**Protected:**

PowerTOP plus 63A available in IP 44 and IP 67 as well as 125A in IP 67.



# Fast connection

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.



Stable and fast locking without screws. Unlocking only with just a tool according to the regulations.



Comfortable self-locating thread lock between front and back part.

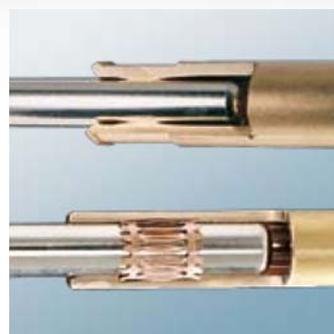
**Captive:**

Molded seals in the connector lid and the front part of the plug.

- Faster installation: Screws are only required for conductor connection with screws (63A) or Allen screws (125A).
- More comfortable installation thanks to more internal space.
- Pilot contact standard with plugs; optionally available for connectors (Part number + index P).
- Conductor diameters for 63A from 6–16 mm<sup>2</sup>, for 125A from 25–50 mm<sup>2</sup>.



The proven frame terminals ensure high clamping force and secure contact – even without ferrules on the wires.



Secure contact as well as convenient insertion and withdrawal through SoftCONTACT at 63A and TorsionSpringCONTACT at 125A.

# MENNEKES CEE plugs and connectors PowerTOP plus for use under harsh conditions

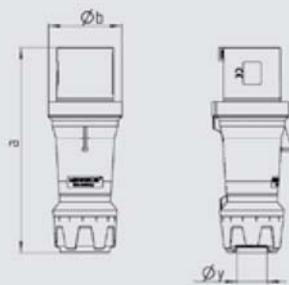
with highly heat-resistant contact carrier and nickel-plated contacts

to DIN VDE 0623, EN 60309-2, colour: grey and/or colour code. Enclosure and insert made of **AMAPLAST**. Other voltages and frequencies available on request.

  			Ampere	Poles	110V	230V	400V	500V						
					50 a. 60Hz	50 a. 60Hz	50 a. 60Hz	50 a. 60Hz						
			3p 4h	4p 4h	5p 4h	3p 6h	4p 9h	5p 9h	3p 9h	4p 6h	5p 6h	3p 7h	4p 7h	5p 7h
 <p><b>Plug PowerTOP plus</b></p> <p>▲ IP 44 Product group 2219, type 3258 shown</p>	63	3	3210	3212										
	63	4		3249	3252	3255								
	63	5			3258									
 <p><b>Plug PowerTOP plus</b></p> <p>▲ IP 67 Product group 2220, type 3325 shown</p>	63	3	3301	3303										
	63	4	3304	3305	3308	3323								
	63	5			3325									
	125	3		3385*										
	125	4			3374*	3377*								
125	5			3381*										
 <p><b>Connector PowerTOP plus with SoftCONTACT</b></p> <p>▲ IP 44 Product group 3219, type 3285 shown</p>	63	3	3270	3272										
	63	4		3273	3275	3277								
	63	5			3285									
Products with pilot contact: Part number + <b>index P</b>														
 <p><b>Connector PowerTOP plus</b> 63A: with SoftCONTACT 125A: with TorsionSpringCONTACT</p> <p>▲ IP 67 Product group 3220, type 3425 shown</p>	63	3	3401	3403										
	63	4	3404	3405	3408	3423								
	63	5			3425									
	125	3		3457*										
	125	4			3469*	3472*								
125	5			3480*										
Products with pilot contact: Part number + <b>index P</b>														

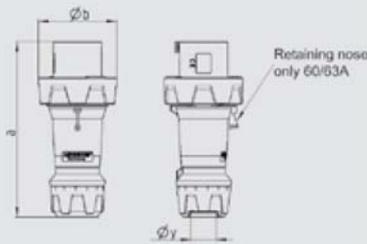
\*Until the PowerTOP plus are available for 125A, the reliable PowerTOP plugs and connectors are delivered with external strain relief.

**Highly heat-resistant contact carrier, frame terminals, nickel-plated contacts,** cable gland with integrated strain relief, seal and protection against kinking, enclosure with thread lock, two safety slides



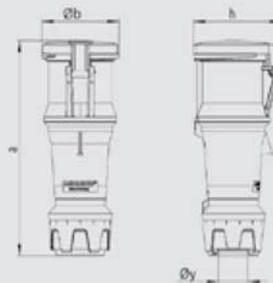
Drawing	Amp. Poles	63		
		3	4	5
Dim. in mm	a	250	250	250
	Øb	90	90	90
	Øy [max]	36	36	36
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		6 —16	6 —16	6 —16

**Highly heat-resistant contact carrier, frame terminals, nickel-plated contacts,** cable gland with integrated strain relief, seal and protection against kinking, enclosure with thread lock, two safety slides



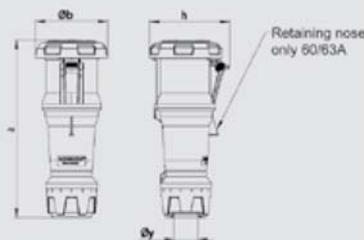
Drawing	Amp. Poles	63			125		
		3	4	5	3	4	5
Dim. in mm	a	250	250	250	290	290	290
	Øb	111	111	111	128	128	128
	Øy [max]	36	36	36	49	49	49
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		6 —16	6 —16	6 —16	25 —50	25 —50	25 —50

**Highly heat-resistant contact carrier, frame terminals,** cable gland with integrated strain relief, seal and protection against kinking, enclosure with thread lock, two safety slides



Drawing	Amp. Poles	63		
		3	4	5
Dim. in mm	a	268	268	268
	Øb	95	95	95
	h	109	109	109
	Øy [max]	36	36	36
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		6 —16	6 —16	6 —16

**Highly heat-resistant contact carrier, frame terminals,** cable gland with integrated strain relief, seal and protection against kinking, enclosure with thread lock, two safety slides



Drawing	Amp. Poles	63			125		
		3	4	5	3	4	5
Dim. in mm	a	270	270	270	310	310	310
	Øb	109	109	109	121	121	121
	h	121	121	121	133	133	133
	Øy [max]	36	36	36	49	49	49
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		6 —16	6 —16	6 —16	25 —50	25 —50	25 —50

# PowerTOP Xtra

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

For even better grip and enhanced impact resistance, MENNEKES presents PowerTOP Xtra. Through its unique rubber coating and the characteristically nubby contact surface, PowerTOP Xtra offers improved protection and grip – even with working gloves and under humid conditions, snow or dirt.

Interested? Ask us about PowerTOP Xtra!



**Robust:**

Improved impact resistance,  
even better protection through  
unique rubber coating.

# MENNEKES CEE plugs and connectors PowerTOP Xtra

Other voltages and frequencies on request.

 3 2p+E			 4 3p+E			 5 3p+N+E			Ampere	Poles	110V 50 a. 60Hz			230V 50 a. 60Hz			400V 50 a. 60Hz			500V 50 a. 60Hz			>50-500V 100-300Hz			>50-500V 300-500Hz		
3p	4p	5p	3p	4p	5p	3p	4p	5p			3p	4p	5p	3p	4p	5p	3p	4p	5p	3p	4p	5p	3p	4p	5p			
 <p><b>Plug PowerTOP Xtra</b> with rubber coated enclosure and grip Other technical dates as PowerTOP plus version</p> <p>⚠ IP 44 Product group 2215, type 13112 shown</p>			63	3	13101	13102	13106	13107																				
			63	4		13105	13112																					
			63	5																								
 <p><b>Plug PowerTOP Xtra</b> with rubber coated enclosure and grip Other technical dates as PowerTOP plus version</p> <p>⚡ IP 67 Product group 2216, type 13212 shown</p>			63	3	13201	13202	13203	13207	13208	13209																		
			63	4	13204	13205	13206	13213																				
			63	5	13210	13211	13212	13213																				
 <p><b>Connector PowerTOP Xtra</b> with rubber coated enclosure and grip Other technical dates as PowerTOP plus version</p> <p>⚠ IP 44 Product group 3215, type 14112 shown</p>			63	3	14101	14102	14106	14107																				
			63	4		14105	14112																					
			63	5																								
Products with pilot contact: Part number + <b>index P</b>																												
 <p><b>Connector PowerTOP Xtra</b> with rubber coated enclosure and grip, <u>nickel plated contacts</u> Other technical dates as PowerTOP plus version</p> <p>⚠ IP 44 Product group 3215, type 14128 shown</p>			63	3		14128	14129	14130																				
			63	4			14131																					
			63	5																								
 <p><b>Connector PowerTOP Xtra</b> with rubber coated enclosure and grip Other technical dates as PowerTOP plus version</p> <p>⚡ IP 67 Product group 3216, type 14212 shown</p>			63	3	14201	14202	14203	14207	14208	14209																		
			63	4	14204	14205	14206	14213																				
			63	5	14210	14211	14212	14213																				
 <p><b>Connector PowerTOP Xtra</b> with rubber coated enclosure and grip, <u>nickel plated contacts</u> Other technical dates as PowerTOP plus version</p> <p>⚡ IP 67 Product group 3216, type 14228 shown</p>			125	3	14215*	14216*	14219*	14220*																				
			125	4	14217*	14218*	14219*	14220*																				
			125	5	14223*	14224*	14225*	14226*																		14227*		
Products with pilot contact: Part number + <b>index P</b>																												
 <p><b>Connector PowerTOP Xtra</b> with rubber coated enclosure and grip, <u>nickel plated contacts</u> Other technical dates as PowerTOP plus version</p> <p>⚡ IP 67 Product group 3216, type 14228 shown</p>			63	3		14228	14229	14230																				
			63	4			14231																					
			63	5																								
 <p><b>Connector PowerTOP Xtra</b> with rubber coated enclosure and grip, <u>nickel plated contacts</u> Other technical dates as PowerTOP plus version</p> <p>⚡ IP 67 Product group 3216, type 14228 shown</p>			125	3		14232*	14233*	14234*																				
			125	4			14233*	14234*																				
			125	5			14235*																					

\*Until the PowerTOP Xtra are available for 125A, the reliable PowerTOP plugs and connectors are delivered with external strain relief.