MENNEKES
MY POWER CONNECTION

Connector
PowerTOP Xtra

Part number: 14224P



MENNEKES
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Version May 22 2026 Subject to change without notice. No liability accepted for printing errors.

Product Description

- economic enclosure design with nubbed grip areas
- enclosure with thread lock and safety slide
- rubberised bayonet ring
- X-CONTACT
- frame terminals
- protection against kinking
- strain relief
- rubberised cable gland with sealing

Technical Details

Connector PowerTOP Xtra	14224P
Product serie	PowerTOP Xtra
Ampere	125A
Number of poles	5p
Clock position	9h
Nominal voltage AC	230V
Nominal frequency	50 - 60 Hz
Protection type IP	IP67
Contact carrier	standard
X-CONTACT	yes
Connection	frame terminals
Contact screw drive	allen key
Tightening torque connection terminal	10 Nm
Recommended wire end treatment for supply cable connection terminal	usable with and without ferrule
Strip length jacket	110 mm
Strip length conductor PH + N	27 mm
Strip length conductor PE	27 mm
Pilot contact	1 pilot contact
Conductor cross-section min.	25 mm^2
Conductor cross-section max.	50 mm^2
Cable kink protection	integrated in cable gland

Connector PowerTOP Xtra	14224P
Protective grommet	without protective grommet
Militärausführung	nein
Weight (net)	1696 g
Packaging unit	5 pcs
Quantity per pallet	160 pcs
EAN / identification number	4015394263258

Permissible ambient conditions

	Min.	Max.
Permissible ambient temperature	-25 °C	40 °C

Material properties

Cover	PBT/PC squirrel grey [similar RAL 7000]
	TPE anthracite [similar RAL 7016]
Front part	PBT/PC blue [similar RAL 5007]
Hinged lid	PBT/PC blue [similar RAL 5007]
	TPE black [similar RAL 9005]
	PBT/PC squirrel grey [similar RAL 7000]
	TPE anthracite [similar RAL 7016]
Clamp basket	PBT/PC squirrel grey [similar RAL 7000]
	TPE natural colour [no RAL colour code]
Fastening	PBT/PC squirrel grey [similar RAL 7000]
	TPE anthracite [similar RAL 7016]

Material resistance

The material resistance overview can be found on the website in the section “Knowledge” - “Product knowledge” - “Materials”.

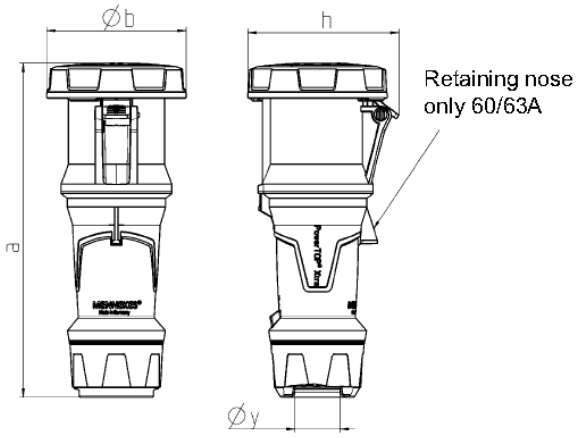
Material and environmental properties

RoHS 2011/65/EU incl. 2015/863/EU	✓

Material and environmental properties	
POP regulation (EU) 2019/1021	✓
Halogen-free	no

Regulations and Standards	
Norm	DIN EN IEC 60309-2
Declaration of Conformity	CE

Dimensional Drawing



Drawing	Amp.	63			125		
3 MB 68	Poles	3	4	5	3	4	5
Dim. in mm	a	270	270	270	310	310	310
	b	113	113	113	125	125	125
	h	123	123	123	135	135	135
	y	36	36	36	49	49	49
Terminal for cond. cross		6	6	6	25	25	25
section (mm^2) min.-max.		—16	—16	—16	—50	—50	—50