MENNEKES
MY POWER CONNECTION

Connector
PowerTOP Xtra R

Part number: 24985



MENNEKES
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Product Description

- economic enclosure design with nubbed grip areas
- enclosure with thread lock and safety slide
- rubberised bayonet ring
- highly heat resistant contact carrier, nickel plated contacts
- X-CONTACT
- frame terminals
- protection against kinking
- strain relief
- rubberised cable gland with sealing
- (form DS)

Technical Details

Connector PowerTOP Xtra R	24985
Product serie	PowerTOP Xtra R
Ampere	125A
Number of poles	5p
Clock position	6h
Nominal voltage AC	400V
Nominal frequency	50 - 60 Hz
Protection type IP	IP67
Contact carrier	highly heat resistant contact carrier, nickel plated contacts
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	without pilot contact
Conductor cross-section min.	25 mm^2
Conductor cross-section max.	50 mm^2

Connector PowerTOP Xtra R	24985
Cable kink protection	integrated in cable gland
Protective grommet	without protective grommet
Military version	yes
Weight (net)	1400 g
Packaging unit	5 pcs
Quantity per pallet	160 pcs
EAN / identification number	4015394247616

Permissible ambient conditions

	Min.	Max.
Permissible ambient temperature	-35 °C	60 °C

Material properties

Cover	PBT/PC bronze green [similar RAL 6031]
	TPE anthracite [similar RAL 7016]
Front part	PBT/PC bronze green [similar RAL 6031]
Hinged lid	PBT/PC bronze green [similar RAL 6031]
	TPE black [similar RAL 9005]
	PBT/PC black [similar RAL 9005]
	TPE anthracite [similar RAL 7016]
Clamp basket	PBT/PC squirrel grey [similar RAL 7000]
	TPE natural colour [no RAL colour code]
Fastening	PBT/PC bronze green [similar RAL 6031]
	TPE anthracite [similar RAL 7016]

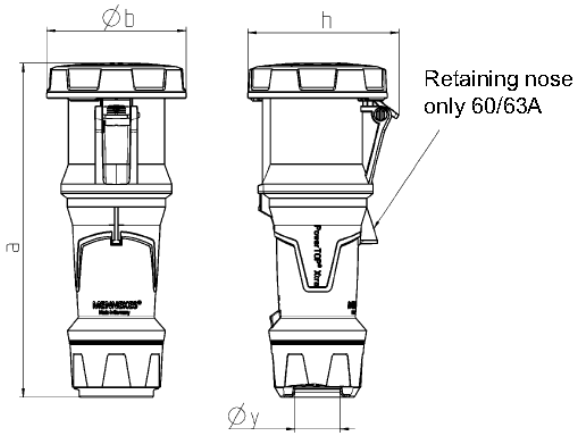
Material resistance

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	✓
POP regulation (EU) 2019/1021	✓
Halogen-free	no

Regulations and Standards	
Norm	DIN EN IEC 60309-2
Declaration of Conformity	CE
Test label	CB Zertifikat, VDE, EAC, CQC

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