MENNEKES
MY POWER CONNECTION

Connector
PowerTOP Plus

Part number: 3405



MENNEKES
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Product Description

- X-CONTACT
- frame terminals
- protection against kinking
- strain relief
- cable gland and sealing

Technical Details

Connector PowerTOP Plus	3405
Product serie	PowerTOP Plus
Ampere	63A
Number of poles	4p
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	PZ2, slot
Tightening torque connection terminal	2 Nm
Recommended wire end treatment for supply cable connection terminal	usable with and without ferrule
Strip length jacket	80 mm
Strip length conductor PH + N	18 mm
Strip length conductor PE	18 mm
Pilot contact	without pilot contact
Conductor cross-section min.	6 mm^2
Conductor cross-section max.	16 mm^2
Cable kink protection	integrated in cable gland
Protective grommet	without protective grommet
Militärausführung	nein

Connector PowerTOP Plus	3405
Weight (net)	820 g
Packaging unit	5 pcs
Quantity per pallet	225 pcs
EAN / identification number	4015394238935

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

Material properties	
Cover	PBT/PC squirrel grey [similar RAL 7000]
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]
Clamp basket	PBT/PC black [similar RAL 9005]
	TPE natural colour [no RAL colour code]
Fastening	PBT/PC squirrel grey [similar RAL 7000]

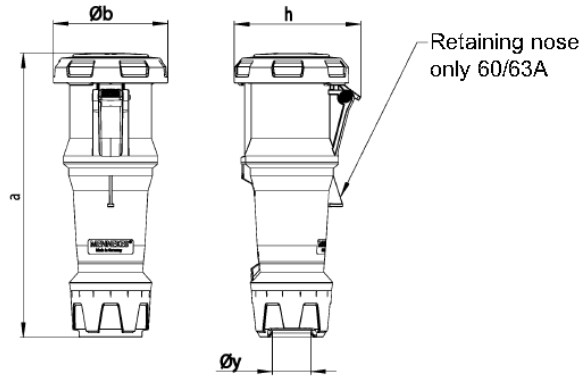
Material resistance

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 70	Poles	3	4	5	3	4	5
Dim. in mm	a	270	270	270	310	310	310
	Ø b	109	109	109	121	121	121
	h	121	121	121	133	133	133
	Ø y [max]	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