

Connector PowerTOP Plus

Part number: 3457



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Product Description

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

Technical Details

Connector PowerTOP Plus	3457
Product serie	PowerTOP Plus
Ampere	125A
Number of poles	3p
Clock position	6h
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	without pilot contact
Conductor cross-section min.	25 mm ²
Conductor cross-section max.	50 mm ²
Cable kink protection	integrated in cable gland
Protective grommet	without protective grommet
Weight (net)	1326 g

Connector PowerTOP Plus	3457
Packaging unit	5 pcs
Quantity per pallet	160 pcs
EAN / identification number	4015394248767

Permissible ambient conditions

	Min.	Max.
Permanent 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 squirrel grey [similar RAL 7000]
	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”.

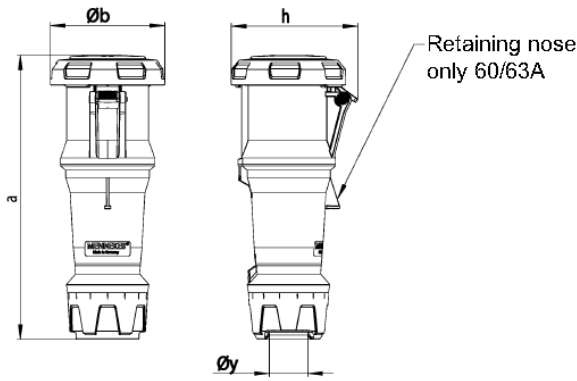
Material and environmental properties

RoHS 2011/65/EU incl. 2015/863/EU	✓
POP regulation (EU) 2019/1021	✓

Regulations and Standards

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

Dimensional Drawing



Drawing 3 MB 70	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		6	6	6	25	25	25
section (mm ²) min.-max.		—16	—16	—16	—50	—50	—50