

Connector PowerTOP

Part number: 3872



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Product Description

- screw connection technology
- protection against kinking
- strain relief
- cable gland and external cable grip

Technical Details

Connector PowerTOP	3872
Product serie	PowerTOP
Ampere	16A
Number of poles	4p
Clock position	7h
Nominal voltage AC	500V
Nominal frequency	50 - 60 Hz
Protection type IP	IP67
Contact carrier	standard
X-CONTACT	no
Connection	screw terminals
Contact screw drive	PZ2, slot
Tightening torque connection terminal	0.8 Nm
Recommended wire end treatment for supply cable connection terminal	ferrule square gasproof crimped
Pilot contact	without pilot contact
Conductor cross-section min.	1 mm ²
Conductor cross-section max.	2.5 mm ²
Cable kink protection	integrated in cable gland
Protective grommet	without protective grommet
Militärausführung	nein
Weight (net)	350 g
Packaging unit	10 pcs
Quantity per pallet	880 pcs

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3872

EAN / identification number

4015394150527

Permissible ambient conditions

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

Material properties

Housing	PA6 black [similar RAL 9005]
Hinged lid	PA6 black [similar RAL 9005]
	TPE black [similar RAL 9005]
	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".

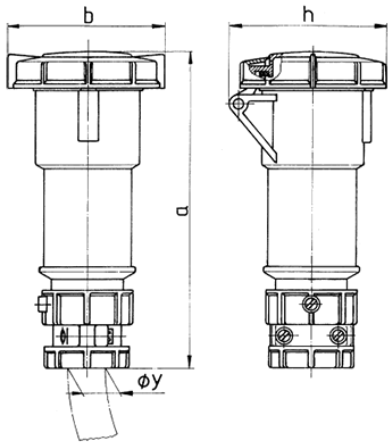
Material and environmental properties

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	EAC

Dimensional Drawing



Drawing 3 MB 48/3	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	171	182	194	217	217	229
	b	78	85	96	103	103	110
	h	79	88	95	99	99	105
	y	19	19	22	24.5	24.5	28.5
Terminal for cond. cross		1	1	1	2.5	2.5	2.5
section (mm²) min.-max.		—2.5	—2.5	—2.5	—6	—6	—6