

Connector PowerTOP

Part number: 3871



MENNEKES
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Product Description

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

Technical Details

Connector PowerTOP	3871
Product serie	PowerTOP
Ampere	16A
Number of poles	4p
Clock position	6h
Nominal voltage AC	400V
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)	247 g
Packaging unit	10 pcs
Quantity per pallet	880 pcs

Connector PowerTOP	3871
EAN / identification number	4015394115755

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

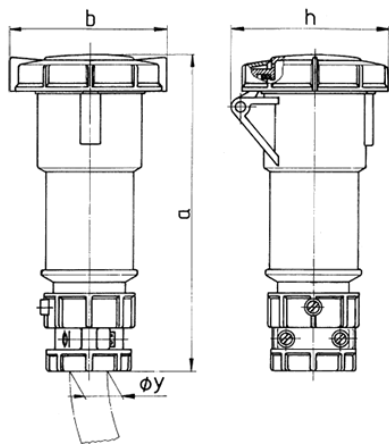
Material properties	
Housing	PA6 red [similar RAL 3013]
Hinged lid	PA6 red [similar RAL 3013]
	TPE black [similar RAL 9005]
	PBT/PC squirrel grey [similar RAL 7000]

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	VDE, EAC, CQC

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