MENNEKES
MY POWER CONNECTION

Connector
PowerTOP Xtra R

Part number: 14668



MENNEKES
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Product Description

- screw connection technology ErgoCONTACT
- economic enclosure design with nubbed grip areas
- enclosure with thread lock and safety slide
- rubberised bayonet ring
- nickel plated contacts, highly heat resistant contact carrier
- X-CONTACT
- sealed against dust, temporary submersion and high pressure cleaning
- protection against kinking
- strain relief
- rubberised cable gland with sealing
- area for self-adhesive labels

Technical Details

Connector PowerTOP Xtra R	14668
Product serie	PowerTOP Xtra R
Ampere	16A
Number of poles	3p
Clock position	12h
Nominal voltage AC	downstream from isolating transformer
Protection type IP	IP69, IP67
Contact carrier	nickel plated contacts, highly heat resistant contact carrier
X-CONTACT	yes
Connection	screw terminals - ErgoCONTACT
Contact screw drive	PZ2, slot
Tightening torque connection terminal	0.9 Nm
Recommended wire end treatment for supply cable connection terminal	ferrule square gasproof crimped
Strip length jacket	55 mm
Strip length conductor PH + N	10 mm
Strip length conductor PE	10 mm
Pilot contact	without pilot contact
Conductor cross-section min.	1 mm^2
Conductor cross-section max.	2.5 mm^2

Connector PowerTOP Xtra R	14668
Cable kink protection	integrated in cable gland
Protective grommet	without protective grommet
Militärausführung	nein
Weight (net)	240 g
Packaging unit	10 pcs
Quantity per pallet	1120 pcs
EAN / identification number	4015394306146

Permissible ambient conditions

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

Material properties

Cover	PA6 squirrel grey [similar RAL 7000]
Front part	PA6 light grey [similar RAL 7035]
	TPE black [similar RAL 9005]
Hinged lid	PA6 light grey [similar RAL 7035]
	TPE black [similar RAL 9005]
	PBT/PC squirrel grey [similar RAL 7000]
	TPE anthracite [similar RAL 7016]
Clamp basket	PA6 natural colour [no RAL colour code]
	TPE squirrel grey [similar RAL 7000]
Fastening	PA6 squirrel grey [similar RAL 7000]
	TPE anthracite [similar RAL 7016]

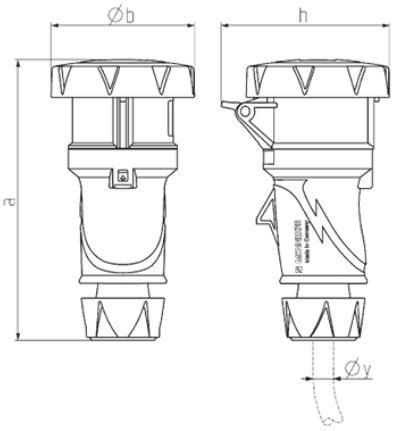
Material resistance

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	yes

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

Dimensional Drawing



Drawing	Amp.	16			32		
3 MB 82	Poles	3	4	5	3	4	5
Dim. in mm	a	167	177	179	213	213	214
	b	73	82	89	97	97	103
	h	89	99	105	109	109	115
y min. from		7	8	8	10.5	10.5	13.5
to max. mm		–13	–15.5	–15.5	–18	–18	–20
Terminal for cond. cross		1	1	1	2.5	2.5	2.5
section (mm^2) min.-max.		–2.5	–2.5	–2.5	–6	–6	–6