MENNEKES
MY POWER CONNECTION

Connector
PowerTOP Xtra R

Part number: 14605



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
- highly heat resistant contact carrier, nickel plated contacts
- X-CONTACT
- protection against kinking
- strain relief
- rubberised cable gland with sealing
- area for self-adhesive labels

Technical Details

Connector PowerTOP Xtra R	14605
Product serie	PowerTOP Xtra R
Ampere	32A
Number of poles	4p
Clock position	1h
Nominal voltage AC	50 - 500V
Protection type IP	IP54
Contact carrier	highly heat resistant contact carrier, nickel plated contacts
X-CONTACT	yes
Connection	screw terminals - ErgoCONTACT
Contact screw drive	PZ2, slot
Tightening torque connection terminal	1.8 Nm
Recommended wire end treatment for supply cable connection terminal	ferrule square gasproof crimped
Strip length jacket	68 mm
Strip length conductor PH + N	12 - 15 mm
Strip length conductor PE	12 - 15 mm
Pilot contact	without pilot contact
Conductor cross-section min.	2.5 mm^2
Conductor cross-section max.	6 mm^2
Cable kink protection	integrated in cable gland

Connector PowerTOP Xtra R	14605
Protective grommet	without protective grommet
Militärausführung	nein
Weight (net)	385 g
Packaging unit	10 pcs
Quantity per pallet	540 pcs
EAN / identification number	4015394304098

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]
Hinged lid	PC light grey [similar RAL 7035]
Clamp basket	PA6 natural colour [no RAL colour code]
	TPE natural colour [no RAL colour code]
Fastening	PA6 squirrel grey [similar RAL 7000]
	TPE anthracite [similar RAL 7016]

Material resistance

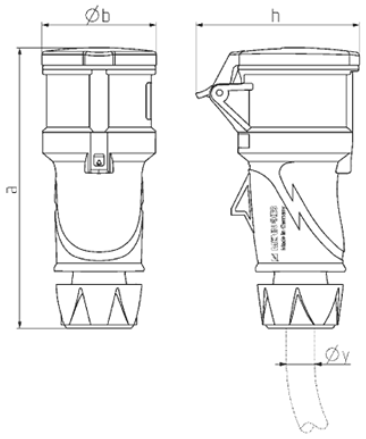
The material resistance overview can be found on the website in the section “Knowledge” - “Product knowledge” - “Materials”.

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 79	Poles	3	4	5	3	4	5
Dim. in mm	a	165	177	174	211	211	209
	b	55	68	69	78	78	80
	h	72	93	98	100	100	108
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