MENNEKES
MY POWER CONNECTION

Plug
PowerTOP Xtra R

Part number: 13590



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
- protection against kinking
- strain relief
- rubberised cable gland with sealing
- area for self-adhesive labels

Technical Details

Plug PowerTOP Xtra R	13590
Product serie	PowerTOP Xtra R
Ampere	16A
Number of poles	3p
Clock position	8h
Nominal voltage DC	250V
Protection type IP	IP54
Contact carrier	highly heat resistant contact carrier, nickel plated contacts
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	10 mm
Phase inverter	without phase inverter
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
Protective cap	without protective cap
Military version	no
Weight (net)	170 g

Plug PowerTOP Xtra R	13590
Packaging unit	10 pcs
Quantity per pallet	1120 pcs
EAN / identification number	4015394305408

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]
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

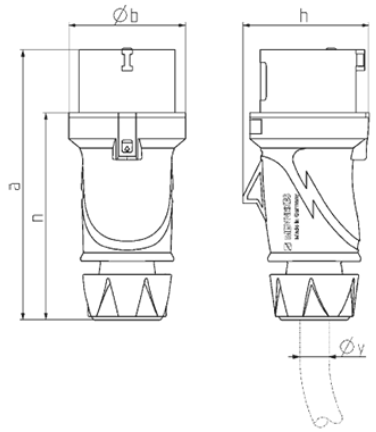
The material resistance overview can be found on the website in the section “Knowledge” - “Product knowledge” - “Materials”.

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		
2 MB 253	Poles	3	4	5	3	4	5
Dim. in mm	a	154	163	163	196	196	196
	b	55	68	68	78	78	78
	h	58	70	74	81	81	86
	n	118	126	126	151	151	151
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