

# Connector PowerTOP Xtra R

Part number: 24888



**MENNEKES**  
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## Product Description

- economic enclosure design with nubbed grip areas
- enclosure with thread lock and safety slide
- rubberised bayonet ring
- highly heat resistant contact carrier, nickel plated contacts
- X-CONTACT
- frame terminals
- protection against kinking
- strain relief
- rubberised cable gland with sealing
- (form DS)

## Technical Details

Connector PowerTOP Xtra R	24888
Product serie	PowerTOP Xtra R
Ampere	63A
Number of poles	5p
Clock position	2h
Nominal voltage AC	50 - 500V
Nominal frequency	300 - 500 Hz
Protection type IP	IP67
Contact carrier	highly heat resistant contact carrier, nickel plated contacts
X-CONTACT	yes
Connection	frame terminals
Contact screw drive	PZ2, slot
Tightening torque connection terminal	2 Nm
Recommended wire end treatment for supply cable connection terminal	usable with and without ferrule
Strip length jacket	80 mm
Strip length conductor PH + N	18 mm
Strip length conductor PE	18 mm
Pilot contact	without pilot contact
Conductor cross-section min.	6 mm <sup>2</sup>
Conductor cross-section max.	16 mm <sup>2</sup>

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Cable kink protection	integrated in cable gland
Protective grommet	without protective grommet
Weight (net)	880 g
Packaging unit	5 pcs
Quantity per pallet	225 pcs
EAN / identification number	4015394241676

Permissible ambient conditions

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

Material properties

Cover	PBT/PC bronze green [similar RAL 6031]
	TPE anthracite [similar RAL 7016]
Front part	PBT/PC bronze green [similar RAL 6031]
Hinged lid	PBT/PC bronze green [similar RAL 6031]
	TPE black [similar RAL 9005]
	PBT/PC black [similar RAL 9005]
	TPE anthracite [similar RAL 7016]
Clamp basket	PBT/PC black [similar RAL 9005]
	TPE natural colour [no RAL colour code]
Fastening	PBT/PC bronze green [similar RAL 6031]
	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	✓
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Material and environmental properties

POP regulation (EU) 2019/1021

✓

Regulations and Standards

Norm

DIN EN IEC 60309-2

Declaration of Conformity

CE

Test label

CB Zertifikat, VDE

# Dimensional Drawing



Drawing 3 MB 68	Amp. Poles	63			125		
		3	4	5	3	4	5
Dim. in mm	<b>a</b>	270	270	270	310	310	310
	<b>b</b>	113	113	113	125	125	125
	<b>h</b>	123	123	123	135	135	135
	<b>y</b>	36	36	36	49	49	49
Terminal for cond. cross		6	6	6	25	25	25
section (mm <sup>2</sup> ) min.-max.		—16	—16	—16	—50	—50	—50