

# Connector PowerTOP Xtra R

Part number: 14129



**MENNEKES**  
Elektrotechnik GmbH & Co. KG

Aloys-Mennekes-Straße 1  
57399 Kirchhundem  
GERMANY

[www.MENNEKES.org](http://www.MENNEKES.org)

## Product Description

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

## Technical Details

Connector PowerTOP Xtra R	14129
Product serie	PowerTOP Xtra R
Ampere	63A
Number of poles	4p
Clock position	6h
Nominal voltage AC	400V
Nominal frequency	50 - 60 Hz
Protection type IP	IP54
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>
Cable kink protection	integrated in cable gland

Connector PowerTOP Xtra R	14129
Protective grommet	without protective grommet
Weight (net)	802 g
Packaging unit	5 pcs
Quantity per pallet	270 pcs
EAN / identification number	4015394238218

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

Material properties	
Cover	PBT/PC squirrel grey [similar RAL 7000]
	TPE anthracite [similar RAL 7016]
Front part	PBT/PC red [similar RAL 3013]
Hinged lid	PC red [similar RAL 3013]
Clamp basket	PBT/PC black [similar RAL 9005]
	TPE natural colour [no RAL colour code]
Fastening	PBT/PC 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 enviromental properties	
RoHS 2011/65/EU incl. 2015/863/EU	✓
POP regulation (EU) 2019/1021	✓

Regulations and Standards

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

# Dimensional Drawing



Drawing 3 MB 79	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	<b>a</b>	165	177	174	211	211	209
	<b>b</b>	55	68	69	78	78	80
	<b>h</b>	72	93	98	100	100	108
<b>y min. from</b>		7	8	8	10.5	10.5	13.5
<b>to max. mm</b>		-13	-15.5	-15.5	-18	-18	-20
<b>Terminal for cond. cross</b>		1	1	1	2.5	2.5	2.5
<b>section (mm<sup>2</sup>) min.-max.</b>		-2.5	-2.5	-2.5	-6	-6	-6