

Plug AM-TOP

Part number: 2176



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Product Description

- screw connection technology
- single part body
- highly heat resistant contact carrier, nickel plated contacts
- protection against kinking
- strain relief
- cable gland and sealing

Technical Details

Plug AM-TOP	2176
Product serie	AM-TOP
Ampere	32A
Number of poles	4p
Clock position	3h
Nominal voltage AC	380 - 440V
Nominal frequency	50 - 60 Hz
Protection type IP	IP67
Contact carrier	highly heat resistant contact carrier, nickel plated contacts
Connection	screw terminals
Contact screw drive	PZ2, slot
Tightening torque connection terminal	1.2 Nm
Recommended wire end treatment for supply cable connection terminal	ferrule square gasproof crimped
Strip length jacket	55 mm
Strip length conductor	12 - 17 mm
Phase inverter	without phase inverter
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
Protective grommet	without protective grommet
Protective cap	without protective cap
Weight (net)	305 g
Packaging unit	10 pcs

Plug AM-TOP	2176
Quantity per pallet	720 pcs
EAN / identification number	4015394283911

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

Material properties	
Housing	PA6 red [similar RAL 3013]
	TPE black [similar RAL 9005]
Bayonet ring	PC black [similar RAL 9005]
Clamp basket	PA6 natural colour [no RAL colour code]
	TPE natural colour [no RAL colour code]
Fastening	PA6 black [similar RAL 9005]

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	✓

Regulations and Standards	
Norm	DIN EN IEC 60309-2
Declaration of Conformity	CE
Test label	EAC

Dimensional Drawing



Drawing 2 MB 218	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	142	144	147	186	186	180
	b	70	78	87	94	94	101
	n	109	111	114	145	145	138
	y	14.5	16	16	22	22	22
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