MENNEKES
MY POWER CONNECTION

Connector
AM-TOP

Part number: 24685



MENNEKES
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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
- (form DS)

Technical Details

Connector AM-TOP	24685
Product serie	AM-TOP
Ampere	16A
Number of poles	5p
Clock position	6h
Nominal voltage AC	400V
Nominal frequency	50 - 60 Hz
Protection type IP	IP67
Contact carrier	highly heat resistant contact carrier, nickel plated contacts
X-CONTACT	no
Connection	screw terminals
Contact screw drive	PZ2, slot
Tightening torque connection terminal for cable cross-section 1,0 - 1,5 mm^2	0.6 Nm
Tightening torque connection terminal for cable cross-section 2,5 - 4,0 mm^2	0.8 Nm
Recommended wire end treatment for supply cable connection terminal	ferrule square gasproof crimped
Strip length jacket	40 mm
Strip length conductor PH + N	8 - 10 mm
Strip length conductor PE	12 - 17 mm
Pilot contact	without pilot contact
Conductor cross-section min.	1 mm^2

Connector AM-TOP	24685
Conductor cross-section max.	2.5 mm^2
Cable kink protection	integrated in cable gland
Protective grommet	without protective grommet
Military version	yes
Weight (net)	286 g
Packaging unit	10 pcs
Quantity per pallet	660 pcs
EAN / identification number	4015394260790

Permissible ambient conditions		
	Min.	Max.
Permissible ambient temperature	-35 °C	60 °C

Material properties	
Housing	PA6 bronze green [similar RAL 6031]
Hinged lid	PC bronze green [similar RAL 6031]
Clamp basket	PA6 natural colour [no RAL colour code]
	TPE squirrel grey [similar RAL 7000]
Fastening	PA6 bronze green [similar RAL 6031]

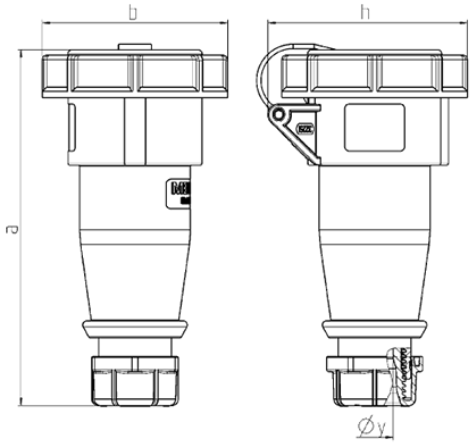
Material resistance

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	no

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

Dimensional Drawing



Drawing	Amp.	16		32	
3 MB 73	Poles	3	5	3	5
Dim. in mm	a	160	170	204	205
	b	70	87	101	101
	h	78	94	98	105
	y	14.5	16	22	22
Terminal for cond. cross section (mm^2) min.-max.		1 —2.5	1 —2.5	2.5 —6	2.5 —6