MENNEKES
MY POWER CONNECTION

Phase inverter
AM-TOP

Part number: 24774



MENNEKES
Elektrotechnik GmbH & Co. KG

Aloys-Mennekes-Straße 1
57399 Kirchhundem
GERMANY

www.**MENNEKES**.org

Version Jul 25 2026 Subject to change without notice. No liability accepted for printing errors.

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
- with protective cap
- (form DS)

Technical Details

Phase inverter AM-TOP	24774
Product serie	AM-TOP
Ampere	32A
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
Connection	screw terminals
Contact screw drive	PZ2, slot
Tightening torque connection terminal for cable cross-section 2,5 - 4,0 mm^2	0.8 Nm
Tightening torque connection terminal for cable cross-section 6,0 mm^2	1.2 Nm
Recommended wire end treatment for supply cable connection terminal	ferrule square gasproof crimped
Strip length jacket	50 mm
Strip length conductor	12 - 17 mm
Phase inverter	with 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

Phase inverter AM-TOP	24774
Protective cap	with protective cap
Military version	yes
Weight (net)	400 g
Packaging unit	10 pcs
Quantity per pallet	540 pcs
EAN / identification number	4015394200222

Permissible ambient conditions

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

Material properties

Housing	PA6 bronze green [similar RAL 6031]
Protective cap	PC bronze green [similar RAL 6031]
Bayonet ring	PC bronze green [similar RAL 6031]
Clamp basket	PA6 natural colour [no RAL colour code]
	TPE natural colour [no RAL colour code]
Fastening	PA6 bronze green [similar RAL 6031]

Material resistance

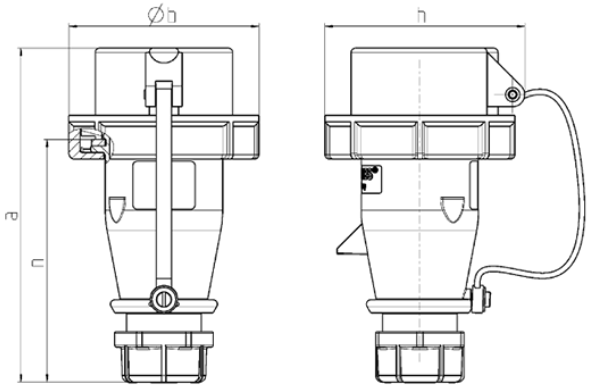
The material resistance overview can be found on the website in the section “Knowledge” - “Product knowledge” - “Materials”.

Material and environmental properties

RoHS 2011/65/EU incl. 2015/863/EU	✓
POP regulation (EU) 2019/1021	✓
Halogen-free	yes

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

Dimensional Drawing



Drawing	Amp.	16		32	
2 MB 240	Poles	3	5	4	5
Dim. in mm	a	148	153	191	185
	b	70	87	94	101
	h	75	92	97	105
	n	108	112	141	133
	y	14.5	16	22	22
Terminal for cond. cross		1	1	2.5	2.5
section (mm^2) min.-max.		—2.5	—2.5	—6	—6