

Connector AM-TOP

Part number: 745



MENNEKES
Elektrotechnik GmbH & Co. KG

Aloys-Mennekes-Straße 1
57399 Kirchhundem
GERMANY

www.MENNEKES.org

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

Connector AM-TOP	745
Product serie	AM-TOP
Ampere	16A
Number of poles	7p
Clock position	9h
Nominal voltage AC	230V
Nominal frequency	50 - 60 Hz
Protection type IP	IP44
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
Conductor cross-section max.	2.5 mm ²

Connector AM-TOP		745
Cable kink protection		integrated in cable gland
Protective grommet		without protective grommet
Weight (net)		241 g
Packaging unit		10 pcs
Quantity per pallet		840 pcs
EAN / identification number		4015394005728

Permissible ambient conditions

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

Material properties

Housing	PA6 blue [similar RAL 5007]
Hinged lid	PC blue [similar RAL 5007]
Clamp basket	PA6 natural colour [no RAL colour code]
	TPE squirrel grey [similar RAL 7000]
Fastening	PA6 squirrel grey [similar RAL 7000]

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

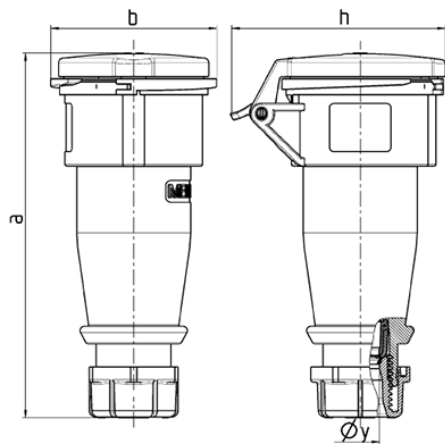
Declaration of Conformity

CE

Test label

EAC, CQC

Dimensional Drawing



Drawing 3 MB 63	Amp. Poles	16	32
		7	7
Dim. in mm	a	167	208
	b	76	89
	h	98	108
	y	16	22
Terminal for cond. cross		1	2.5
section (mm²) min.-max.		—2.5	—6