

Connector

Part number: 689A



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Product Description

- screw connection technology
- protection against kinking
- strain relief

Technical Details

Connector	689A
Ampere	16A
Number of poles	3p
Clock position	12h
Nominal voltage AC	40 - 50V
Nominal frequency	50 - 60 Hz
Protection type IP	IP44
Contact carrier	standard
X-CONTACT	no
Connection	screw terminals
Contact screw drive	PZ2, slot
Tightening torque connection terminal	0.8 Nm
Recommended wire end treatment for supply cable connection terminal	ferrule square gasproof crimped
Pilot contact	without pilot contact
Conductor cross-section min.	4 mm ²
Conductor cross-section max.	10 mm ²
Cable kink protection	with cable kink protection
Protective grommet	without protective grommet
Militärausführung	nein
Weight (net)	205 g
Packaging unit	10 pcs
Quantity per pallet	1520 pcs

Connector	689A
EAN / identification number	4015394005254

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

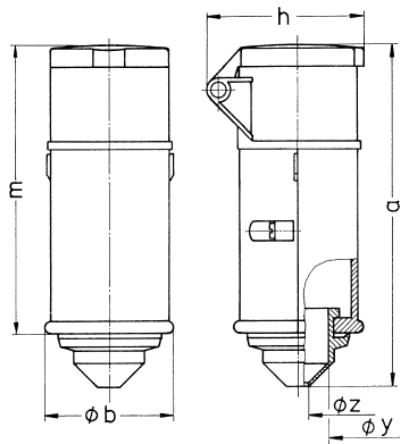
Material properties	
Front part	PA6 light grey [similar RAL 7035]
Housing	PC/PET light grey [similar RAL 7035]
Hinged lid	PA6 light grey [similar RAL 7035]

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	EAC, CQC

Dimensional Drawing



Drawing	Amp. Poles	16		32	
		2	3	2	3
3 MB 37	Dim. in mm				
	a	144	144	144	144
	b	55	55	55	55
	h	67	67	67	67
	m	122	122	122	122
	y	25	25	25	25
	z	9	9	9	9
Terminal for cond. cross		4	4	4	4
section (mm ²) min.-max.		—10	—10	—10	—10