

Connector

Part number: 681A



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Product Description

- screw connection technology
- protection against kinking
- strain relief

Technical Details

Connector	681A
Ampere	16A
Number of poles	2p
Nominal voltage AC	20 - 25V
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)	186 g
Packaging unit	10 pcs
Quantity per pallet	1520 pcs
EAN / identification number	4015394005186

Permissible ambient conditions

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

Material properties

Front part	PA6 purple [similar RAL 4001]
Housing	PC/PET light grey [similar RAL 7035]
Hinged lid	PA6 purple [similar RAL 4001]

Material resistance

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

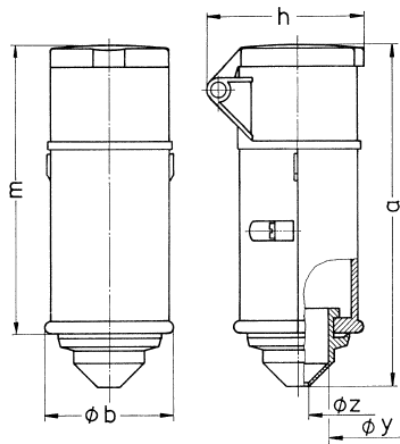
Material and environmental properties

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

Dimensional Drawing



Drawing 3 MB 37	Amp. Poles	16		32	
		2	3	2	3
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