

Panel mounted receptacle

Part number: 1603



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Product Description

- screw connection technology
- straight insertion direction

Technical Details

Panel mounted receptacle	1603
Ampere	16A
Number of poles	2p
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
Pilot contact	without pilot contact
Pilot contact switch	no
Flange dimensions	75 x 75 mm
Hole spacings	60 x 60 mm
Insertion direction	straight
Highly resistant to chemicals	no
Military version	no
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
Tightening torque connection terminal for cable cross-section 6 - 10 mm ²	1.2 Nm
Strip length flexible conductor	12 - 17 mm
Strip length solid conductor	12 - 17 mm
Conductor cross-section min.	4 mm ²
Conductor cross-section max.	10 mm ²

Panel mounted receptacle	1603
Weight (net)	126 g
Packaging unit	10 pcs
Quantity per pallet	1520 pcs
EAN / identification number	4015394012436

Permissible ambient conditions

	Min.	Max.
Permissible ambient temperature	-25 °C	40 °C
Average temperature over 24 hours		35 °C

Material properties

Housing	PA6 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”.

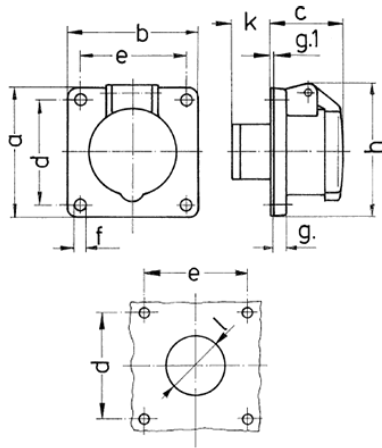
Material and environmental properties

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 1 MB 292	Amp. Poles	16		32	
		2	3	2	3
Dim. in mm	a	75	75	75	75
	b	75	75	75	75
	c	44	44	44	44
	d	60	60	60	60
	e	60	60	60	60
	f	5.5	5.5	5.5	5.5
	g.	8	8	8	8
	g.1	2	2	2	2
	h	77	77	77	77
	k	22	22	22	22
	l	34	34	34	34
Terminal for cond. cross section (mm ²) min.-max.		4	4	4	4
		-10	-10	-10	-10