

Panel mounted receptacle

Part number: 1803



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Product Description

- screwless, with insulation displacement technology TwinCONTACT
- 20° inclination
- suitable for through wiring

Technical Details

Panel mounted receptacle	1803
Ampere	32A
Number of poles	3p
Clock position	9h
Nominal voltage AC	400V
Nominal frequency	50 - 60 Hz
Protection type IP	IP67
Contact carrier	standard
X-CONTACT	no
Connection	insulation displacement technology - TwinCONTACT
Pilot contact	without pilot contact
Pilot contact switch	no
Flange dimensions	100 x 92 mm
Hole spacings	85 x 77 mm
Insertion direction	angled
Inclination	20°
Highly resistant to chemicals	no
Military version	no
Strip length jacket	120 mm
Strip length PH + N flexible conductor	12 - 18 mm
Strip length PE flexible conductor	12 - 18 mm
Strip length PH + N solid conductor	18 mm
Strip length PE solid conductor	18 mm
Conductor cross-section min.	2.5 mm ²
Conductor cross-section max.	6 mm ²
Weight (net)	257 g
Packaging unit	10 pcs

Panel mounted receptacle	1803
Quantity per pallet	660 pcs
EAN / identification number	4015394215110

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 red [similar RAL 3013]
	TPE black [similar RAL 9005]
	PBT/PC 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	✓
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		
		3	4	5	3	4	5
1 MB 466							
Dim. in mm	a	73.5	100	100	100	100	100
	b	64	92	92	92	92	92
	c	52	60	62	66	66	66
	d	60	85	85	85	85	85
	e	52	77	77	77	77	77
	f	5.5	5.5	5.5	5.5	5.5	5.5
	g	7	8	8	8	8	8
	g.1	2	2	2	2	2	2
	h	84	100	106	109	109	113
	k	31	31	31	44	44	54
	l	52	55	65	70	70	73
	l1	60	63	72	82	82	85
Terminal for cond. cross section (mm ²) min.-max.		1.5 —4	1.5 —4	1.5 —4	2.5 —6	2.5 —6	2.5 —6