

Panel mounted receptacle

Part number: 20147A



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Product Description

- screw connection technology
- 20° inclination

Technical Details

Panel mounted receptacle	20147A
Ampere	32A
Number of poles	5p
Clock position	6h
Nominal voltage AC	400V
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	110 x 106 mm
Hole spacings	90 x 90 mm
Insertion direction	angled
Inclination	20°
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 PH + N flexible conductor	12 - 17 mm
Strip length PE flexible conductor	12 - 17 mm
Strip length PH + N solid conductor	12 - 17 mm

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Strip length PE solid conductor	12 - 17 mm
Conductor cross-section min.	2.5 mm ²
Conductor cross-section max.	10 mm ²
Weight (net)	281 g
Packaging unit	10 pcs
Quantity per pallet	660 pcs
EAN / identification number	4015394177005

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	PC red [similar RAL 3013]

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

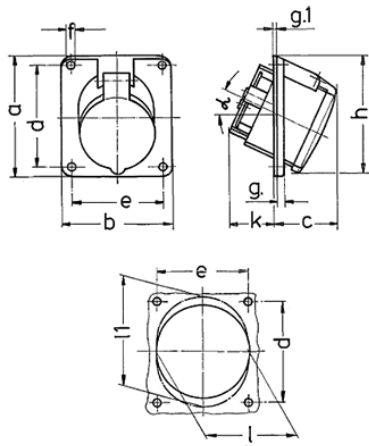
Norm

DIN EN IEC 60309-2

Declaration of Conformity

CE

Dimensional Drawing



Drawing	Amp.	16	32	63
1 MB 235	Poles	5	5	5
Dim. in mm	a	110	110	110
	b	106	106	106
	c	48	51	85
	d	90	90	90
	e	90	90	90
	f	5.2	5.2	6.5
	g.	6	6	12
	g.1	2	2	2
	h	110	110	122
	k	38	58	69
	l	78	87	92
	l1	—	—	98
	α	20°	20°	20°
Terminal for cond. cross		1.5	2.5	6
section (mm²) min.-max.		—4	—10	—25