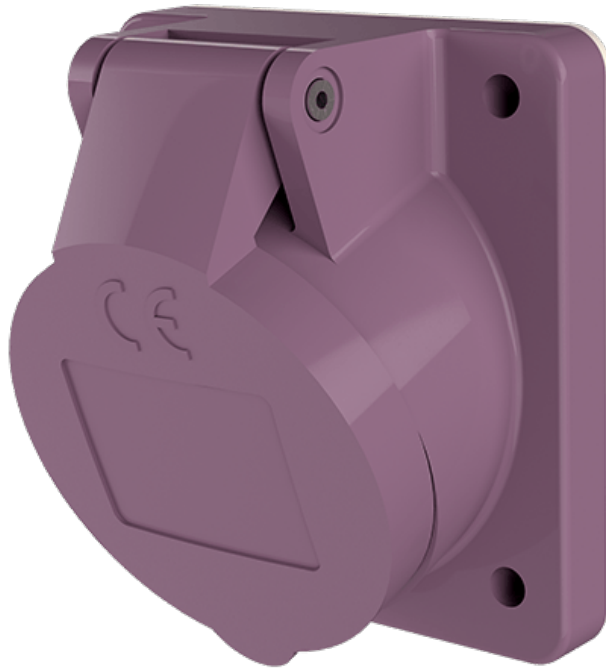


Panel mounted receptacle

Part number: 2870



MENNEKES
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Product Description

- screw connection technology
- 20° inclination

Technical Details

Panel mounted receptacle	2870
Ampere	32A
Number of poles	3p
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
Pilot contact	without pilot contact
Pilot contact switch	no
Flange dimensions	68 x 68 mm
Hole spacings	62 x 62 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 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	2870
Weight (net)	143 g
Packaging unit	10 pcs
Quantity per pallet	2080 pcs
EAN / identification number	4015394016830

Permissible ambient conditions

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

Material properties

Housing	PA6 purple [similar RAL 4001]
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”.

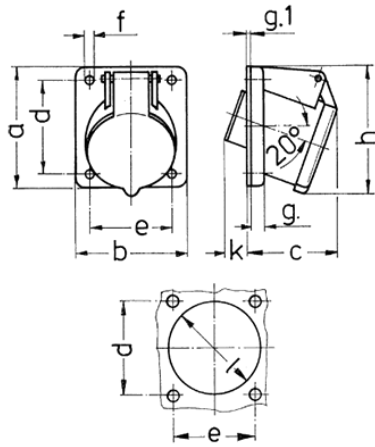
Material and environmental properties

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 1 MB 231	Amp. Poles	16		32	
		2	3	2	3
Dim. in mm	a	68	68	68	68
	b	62	62	62	62
	c	42	42	42	42
	d	53	53	53	53
	e	47	47	47	47
	f	4.5	4.5	4.5	4.5
	g.	8	8	8	8
	g.1	2	2	2	2
	h	72	72	72	72
	k	32	32	32	32
	l	55	55	55	55
Terminal for cond. cross section (mm ²) min.-max.		4	4	4	4
		-10	-10	-10	-10