

# Panel mounted receptacle

Part number: 1490



**MENNEKES**  
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## Product Description

- screw connection technology
- 20° inclination
- receptacle is designed for adding an auxiliary contact switch

## Technical Details

Panel mounted receptacle	1490
Ampere	32A
Number of poles	5p
Clock position	9h
Nominal voltage AC	230V
Nominal frequency	50 - 60 Hz
Protection type IP	IP67
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	100 x 92 mm
Hole spacings	85 x 77 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 <sup>2</sup>	0.6 Nm
Tightening torque connection terminal for cable cross-section 2,5 - 4,0 mm <sup>2</sup>	0.8 Nm
Tightening torque connection terminal for cable cross-section 6 - 10 mm <sup>2</sup>	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

<b>Panel mounted receptacle</b>	<b>1490</b>
Strip length PE solid conductor	12 - 17 mm
Conductor cross-section min.	2.5 mm <sup>2</sup>
Conductor cross-section max.	10 mm <sup>2</sup>
Weight (net)	334 g
Packaging unit	10 pcs
Quantity per pallet	660 pcs
EAN / identification number	4015394011521

**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 blue [similar RAL 5007]
	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

# Dimensional Drawing



Drawing 1 MB 251	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	73.5	100	100	100	100	100
	b	64	92	92	92	92	92
	c	52	60	62	64	64	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	8	8	8	8	8	8
	g.1	2	2	2	2	2	2
	h	84	100	105	109	109	113
	i	78	85	96	103	103	110
	k	43	32	32	53	53	45
	l	52	55	65	67	67	72
	l1	60	63	72	82	82	85
	α	20°	20°	20°	20°	20°	20°
Terminal for cond. cross section (mm <sup>2</sup> ) min.-max.		1.5 —4	1.5 —4	1.5 —4	2.5 —10	2.5 —10	2.5 —10