

# Panel mounted receptacle

Part number: 223A



**MENNEKES**  
Elektrotechnik GmbH & Co. KG

Aloys-Mennekes-Straße 1  
57399 Kirchhundem  
GERMANY

# Product Description

- screw connection technology
- straight insertion direction

# Technical Details

Panel mounted receptacle	223A
Ampere	16A
Number of poles	4p
Clock position	7h
Nominal voltage AC	500V
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	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 <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	8 - 10 mm
Strip length PE flexible conductor	12 - 17 mm
Strip length PH + N solid conductor	8 - 10 mm
Strip length PE solid conductor	12 - 17 mm

<b>Panel mounted receptacle</b>	<b>223A</b>
Conductor cross-section min.	1.5 mm <sup>2</sup>
Conductor cross-section max.	4 mm <sup>2</sup>
Weight (net)	183 g
Packaging unit	10 pcs
Quantity per pallet	880 pcs
EAN / identification number	4015394001157

<b>Permissible ambient conditions</b>		
	Min.	Max.
Permissible ambient temperature	-25 °C	40 °C
Average temperature over 24 hours		35 °C

<b>Material properties</b>	
Housing	PA6 light grey [similar RAL 7035]
Hinged lid	PA6 black [similar RAL 9005]
	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”.

<b>Material and environmental properties</b>	
RoHS 2011/65/EU incl. 2015/863/EU	✓
POP regulation (EU) 2019/1021	✓
Halogen-free	no

Regulations and Standards

Norm	DIN EN IEC 60309-2
Declaration of Conformity	CE
Test label	EAC, CQC

# Dimensional Drawing



Drawing	Amp.	16			32		
		3	4	5	3	4	5
<b>1 MB 141</b>	<b>Poles</b>						
<b>Dim. in mm</b>	<b>a</b>	75	75	75	85	85	85
	<b>b</b>	75	75	75	75	75	75
	<b>c</b>	60	61	61	70	70	72
	<b>d</b>	60	60	60	60	60	60
	<b>e</b>	60	60	60	60	60	60
	<b>f</b>	5.5	5.5	5.5	5.5	5.5	5.5
	<b>g.</b>	8	8	8	8	8	8
	<b>g.1</b>	2	2	2	2	2	2
	<b>h</b>	83	88	95	99	99	105
	<b>i</b>	78	85	96	103	103	110
	<b>k</b>	31	32	32	39	39	39
	<b>l</b>	43	52	54	58	58	65
	<b>Terminal for cond. cross section (mm<sup>2</sup>) min.-max.</b>	1.5	1.5	1.5	2.5	2.5	2.5
		-4	-4	-4	-10	-10	-10