

Wall mounted receptacle

Part number: 9181



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Product Description

- screwless, with insulation displacement technology TwinCONTACT
- external fixing
- 25° inclination
- enclosure can be turned 180°
- suitable for through wiring
- receptacle is designed for adding an auxiliary contact switch
- highly resistant to chemicals

Technical Details

Wall mounted receptacle	9181
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	insulation displacement technology - TwinCONTACT
Screw drive external screws	PZ2, slot
Pilot contact	without pilot contact
Pilot contact switch	no
Cable entry at the top	1 x M32
Cable entry at the bottom	2 x M25 (blind)
Blind cable entry at the rear	no
Enclosure base can be turned 180°	yes
Insertion direction	angled
Inclination	25°
Type of mounting	external fixing
Highly resistant to chemicals	yes
Military version	no
Lockable	no
Strip length jacket	120 mm

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Strip length solid conductor	18 mm
Conductor cross-section min.	2.5 mm ²
Conductor cross-section max.	6 mm ²
Weight (net)	495 g
Packaging unit	5 pcs
Quantity per pallet	330 pcs
EAN / identification number	4015394281726

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

Material properties	
Base	PC/PET light grey [similar RAL 7035]
Upper part	PBT/PC light grey [similar RAL 7035]
Hinged lid	PA6 blue [similar RAL 5007]
	TPE black [similar RAL 9005]
	PBT/PC squirrel grey [similar RAL 7000]
External screws	steel bare

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	no

Regulations and Standards

Norm

DIN EN IEC 60309-2

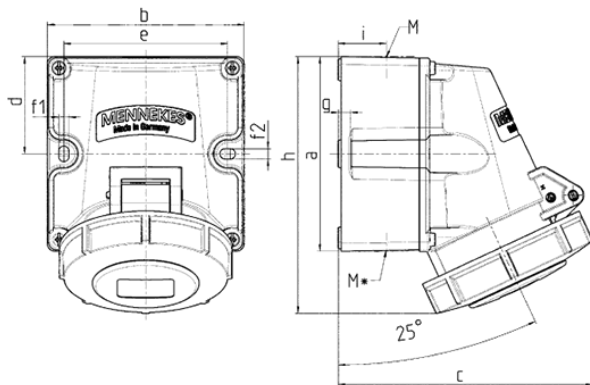
Declaration of Conformity

CE

Test label

EAC, CQC

Dimensional Drawing



Drawing 1 MB 622	Amp. Poles	16			32		
		3	4	5	3	4	5
Dim. in mm	a	100	100	100	100	100	100
	b	101	101	101	109	109	109
	c	117	125	131	157	157	160
	d	50	50	50	50	50	50
	e	84	84	84	92	92	92
	f1	5.3	5.3	5.3	5.3	5.3	5.3
	f2	5.3	5.3	5.3	5.3	5.3	5.3
	g	6.5	6.5	6.5	6.5	6.5	6.5
	h	131	131	132	148	148	148
	i	24.7	24.7	24.7	27.5	27.5	27.5
	M	25 (optional M20)			32 (optional M25)		
	M*	2x25 (blind) to be cut out			2x25 (blind) to be cut out		
Max. cable diam. (mm)		18 (M25) and 15 (M20)			25 (M32) and 18 (M25)		
Terminal for cond. cross		1.5	1.5	1.5	2.5	2.5	2.5
section (mm²) min.-max.		—4	—4	—4	—6	—6	—6