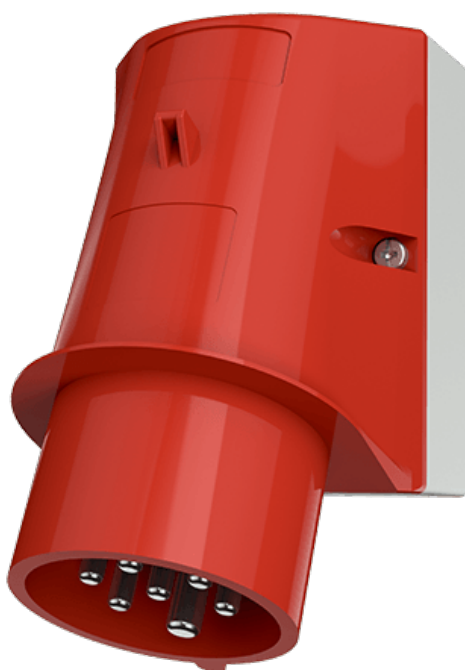


Wall mounted inlet

Part number: 2166



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Product Description

- screw connection technology
- highly heat resistant contact carrier, nickel plated contacts
- internal fixing
- 25° inclination
- enclosure base can be turned 180°
- enclosure base with stamped recess for quick cutting out
- cable entry also possible on the back side

Technical Details

Wall mounted inlet	2166
Ampere	16A
Number of poles	7p
Clock position	6h
Nominal voltage AC	400V
Nominal frequency	50 - 60 Hz
Protection type IP	IP44
Contact carrier	highly heat resistant contact carrier, nickel plated contacts
Connection	screw terminals
Tightening torque connection terminal	PZ2, slot
Tightening torque external screws	PZ2, slot
Phase inverter	without phase inverter
Pilot contact	without pilot contact
Cable entry at the top	1 x M20
Cable entry at the bottom	1 x M20 (blind)
Blind cable entry at the rear	yes
Enclosure base can be turned 180°	yes
Insertion direction	angled
Inclination	25°
Type of mounting	internal fixing
Military version	no
Protection cap	without protection cap
Tightening torque connection terminal for cable cross-section 1,0 - 1,5 mm ²	0.8 Nm

Wall mounted inlet	2166
Tightening torque connection terminal for cable cross-section 2,5 - 4,0 mm ²	0.8 Nm
Recommended wire end treatment for supply cable connection terminal	ferrule square gasproof crimped
Strip length conductor	8 - 10 mm
Conductor cross-section min.	1 mm ²
Conductor cross-section max.	2.5 mm ²
Weight (net)	266 g
Packaging unit	10 pcs
Quantity per pallet	660 pcs
EAN / identification number	4015394013532

Permissible ambient conditions

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

Material properties

Base	PA6 light grey [similar RAL 7035]
Upper part	PA6 red [similar RAL 3013]
External screws	galvanised steel

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

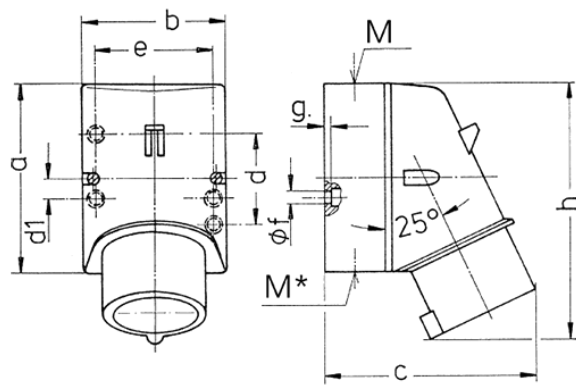
Declaration of Conformity

CE

Test label

EAC, CQC

Dimensional Drawing



Drawing 2 MB 147 Dim. in mm	Amp. Poles	16	32
		7	7
a		100	128
b		75	84
c		110	135
d		—	—
d1		10.5	11
e		59	68
f		5	5.3
g		4	4
h		135	170
M		20	32
M*		20 (blind) to be cut out	2x25 (blind) to be cut out
Max. cable diam. (mm)		15	18
Terminal for cond. cross section (mm²) min.-max.		1 —2.5	2.5 —4