

Wall mounted receptacle DUOi R

Part number: 5812506TC



MENNEKES
Elektrotechnik GmbH & Co. KG

Aloys-Mennekes-Straße 1
57399 Kirchhundem
GERMANY

www.MENNEKES.org

Product Description

- LED voltage indicator
- pre-wired for installation
- mechanical DUO-interlock
- switch 3p + N` + PE + 2 NO + 2 NC
- highly heat resistant contact carrier, nickel plated contacts
- X-CONTACT
- internal fixing
- 25° inclination
- enclosure base can be turned 180°
- sealed against dust, temporary submersion and high pressure cleaning
- receptacles can be locked with a padlock
- highly resistant to chemicals
- enclosure base with pre-marked drilling points for custom cable entry drilling

Technical Details

Wall mounted receptacle DUOi R - Part No. 5812506TC	5812506TC
Product serie	DUOi R
Ampere	16A
Number of poles	5p
Clock position	6h
Nominal voltage AC	400V
Nominal frequency	50 - 60 Hz
Protection type IP	IP67, IP69
Contact carrier	highly heat resistant contact carrier, nickel plated contacts
X-CONTACT	yes
Screw drive external screws	allen key, slot
Pilot contact	without pilot contact
Pilot contact switch	no
Load break switch	32A 3p + N` + PE + 2 NO + 2 NC (N switched, PE unswitched)
DIN rail	no
Inspection window	no
Cable entry at the top	1 x M25, 1 x M32
Enclosure base can be turned 180°	yes
Insertion direction	angled
Inclination	25°

Wall mounted receptacle DUOI R - Part No. 5812506TC	5812506TC
Type of mounting	internal fixing
Highly resistant to chemicals	yes
LED voltage indicator	yes
Tightening torque external screws	1.6 Nm
Lockable	yes, with a padlock up to max. 4 mm
Conductor cross-section min.	2.5 mm ²
Conductor cross-section max.	10 mm ²
IK code	IK08
Weight (net)	1245 g
Packaging unit	1 pcs
Quantity per pallet	156 pcs
EAN / identification number	4015394306634

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

Material properties	
Base	PC/SI black [similar RAL 9005]
Upper part	PC/SI silver grey [similar RAL 7001]
Hinged lid	PA6 red [similar RAL 3013]
	TPE black [similar RAL 9005]
	PBT/PC squirrel grey [similar RAL 7000]
	TPE anthracite [similar RAL 7016]
Rotary handle	PC/SI silver grey [similar RAL 7001]
External screws	PA6 black [similar RAL 9005]

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 inkl. 2015/863/EU

✓

POP regulation (EU) 2019/1021

✓

Halogen-free

yes

Regulations and Standards

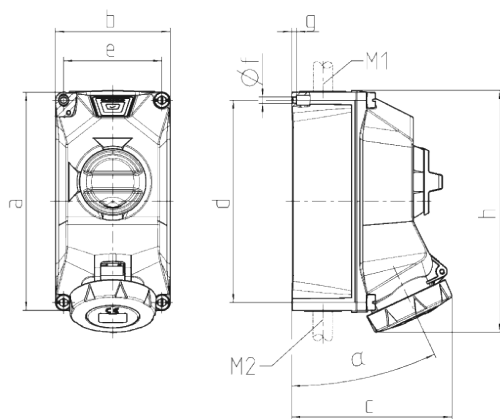
Norm

DIN EN IEC 60309-4

Declaration of Conformity

CE

Dimensional Drawing



Drawing 1 MB 716/C Dim. in mm	Amp. Poles	16		32	
		3	5	5	5
a		225	225		225
b		118	118		118
c		163	165		169
d		208	208		208
e		101	101		101
f		6.4	6.4		6.4
g		5	5		5
h		241	249		255
α		25		25	
M1		1x32 (closed)		1x32 (closed)	
M2		2x25 (closed)		2x25 (closed)	
Max. cable diam. (mm)		25	25		25
Terminal for cond. cross		2.5	2.5		2.5
section (mm²) min.-max.		—10	—10		—10