MENNEKES
MY POWER CONNECTION

Panel mounted receptacle

Part number: 3590



MENNEKES
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GERMANY

Product Description

- screwless, with insulation displacement technology TwinCONTACT
- 20° inclination
- suitable for through wiring
- receptacle is designed for adding an auxiliary contact switch

Technical Details

Panel mounted receptacle	3590
Ampere	32A
Number of poles	5p
Clock position	6h
Nominal voltage AC	400V
Nominal frequency	50 - 60 Hz
Protection type IP	IP67
Contact carrier	standard
X-CONTACT	no
Connection	insulation displacement technology - TwinCONTACT
Pilot contact	without pilot contact
Pilot contact switch	no
Flange dimensions	85 x 85 mm
Hole spacings	70 x 70 mm
Insertion direction	angled
Inclination	20°
Highly resistant to chemicals	no
Military version	no
Strip length jacket	120 mm
Strip length PH + N flexible conductor	12 - 18 mm
Strip length PE flexible conductor	12 - 18 mm
Strip length PH + N solid conductor	18 mm
Strip length PE solid conductor	18 mm
Conductor cross-section min.	2.5 mm^2
Conductor cross-section max.	6 mm^2
Weight (net)	235 g

Panel mounted receptacle	3590
Packaging unit	10 pcs
Quantity per pallet	660 pcs
EAN / identification number	4015394221555

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 red [similar RAL 3013]
	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”.

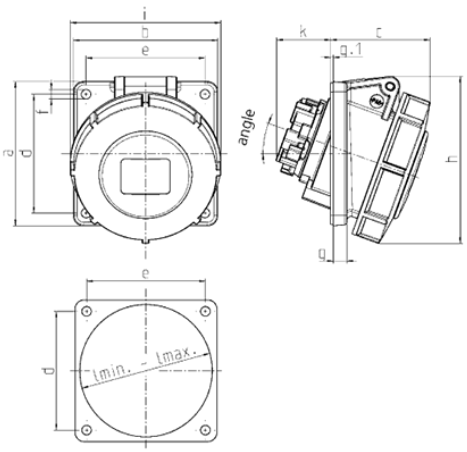
Material and environmental properties

RoHS 2011/65/EU incl. 2015/863/EU	✓
POP regulation (EU) 2019/1021	✓
Halogen-free	no

Regulations and Standards

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

Dimensional Drawing



Drawing	Amp.	16			32		
1 MB 520	Poles	3	4	5	3	4	5
Dim. in mm	a	85	85	85	85	85	85
	b	85	85	85	85	85	85
	c	56	59	59	64	64	71
	d	70	70	70	70	70	70
	e	70	70	70	70	70	70
	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	87	91	99	103	103	110
	i	78	85	89	103	103	106
	k	32	32	33	44	44	49
	l min.	57	64	70	78	78	78
	l max.	76	76	76	78	78	78
Terminal for cond. cross section (mm^2) min.-max.		1.5 —4	1.5 —4	1.5 —4	2.5 —6	2.5 —6	2.5 —6