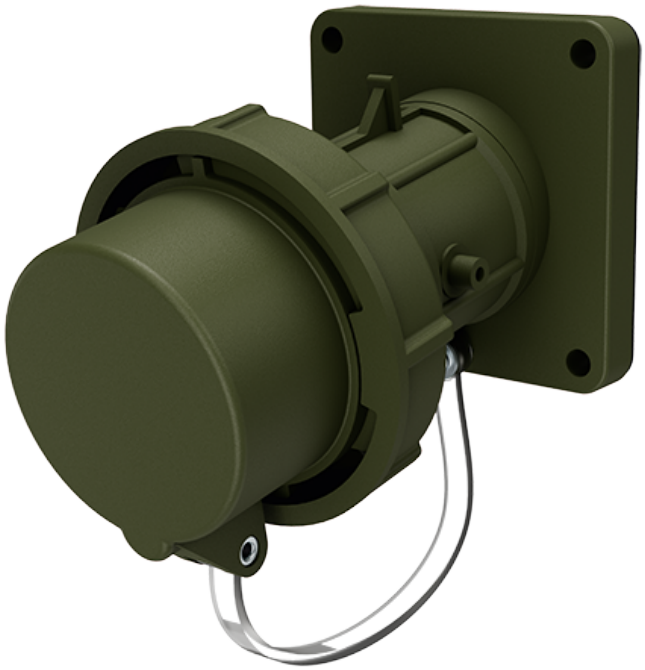
MENNEKES
MY POWER CONNECTION

Surface mounted inlet

Part number: 20461



MENNEKES
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Product Description

- screw connection technology
- highly heat resistant contact carrier, nickel plated contacts
- external fixing
- 10° inclination
- with protective cap attached by a strap
- (form BP)

Technical Details

Surface mounted inlet	20461
Ampere	16A
Number of poles	5p
Clock position	6h
Nominal voltage AC	400V
Nominal frequency	50 - 60 Hz
Protection type IP	IP67
Contact carrier	highly heat resistant contact carrier, nickel plated contacts
Connection	screw terminals
Tightening torque connection terminal	PZ2, slot
Phase inverter	without phase inverter
Pilot contact	without pilot contact
Flange dimensions	85 x 85 mm
Hole spacings	70 x 70 mm
Insertion direction	angled
Inclination	10°
Type of mounting	external fixing
Military version	yes
Protection cap	with protection cap
Tightening torque connection terminal for cable cross-section 1,0 - 1,5 mm^2	0.8 Nm
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

Surface mounted inlet	20461
Conductor cross-section min.	1 mm^2
Conductor cross-section max.	2.5 mm^2
Weight (net)	290 g
Packaging unit	10 pcs
Quantity per pallet	540 pcs
EAN / identification number	4015394038856

Permissible ambient conditions	Min.	Max.
Permissible ambient temperature	-35 °C	60 °C

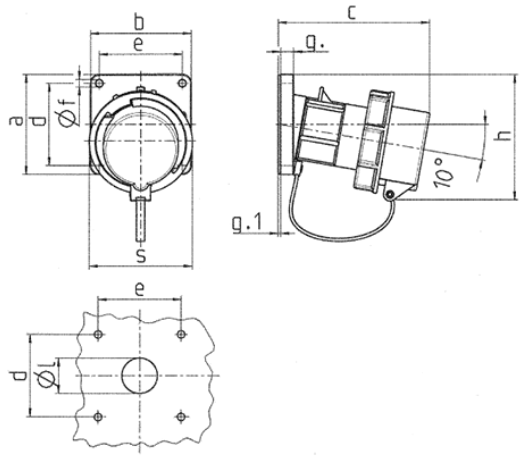
Material properties	
Housing	PA6 bronze green [similar RAL 6031]
Flange	PA6 bronze green [similar RAL 6031]
Protective cap	PC bronze green [similar RAL 6031]
Bayonet ring	PC/PET bronze green [similar RAL 6031]

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	VDE, EAC

Dimensional Drawing



Drawing	Amp.	16		32			63		
2 MB 62	Poles	3	5	3	4	5	3	4	5
Dim. in mm	a	85	85	85	85	85	108	108	108
	b	85	85	85	85	85	101	101	101
	c	132	132	131	131	137	164	164	164
	d	70	70	70	70	70	85	85	85
	e	70	70	70	70	70	77	77	77
	f	6.3	6.3	6.3	6.3	6.3	6.5	6.5	6.5
	g.	11	11	11	11	11	12	12	12
	g.1	2	2	2	2	2	2	2	2
	h	100	107	108	108	111	130	130	130
	s	70	87	94	94	102	114	114	114
	l	30	30	30	30	30	40	40	40
Terminal for cond. cross		1	1	2,5	2,5	2,5	6	6	6
section (mm^2) min.-max.		—2.5	—2.5	—6	—6	—6	—16	—16	—16