

**Description**

Environmentally rated electrical junction box kits, that contain all necessary accessories to complete a straightforward neat wiring installation. Plastic enclosures are equipped with flexible port selection so the desired number of ports can be utilised and fitted with the supplied glands to ensure waterproof integrity. Kits are environmentally rated to IP67 but can be upgraded to IP68 by inserting a re-enterable waterproof gel resin.

**Application**

The waterproof electrical junction box kits are suitable for surface mounting or concealed behind access panels for marine, leisure vehicles or for domestic and commercial buildings. The IP67 rating ensures that when sealed correctly the unit can be submerged in shallow water.

Part No	Description	Flexible Port Option	Cable Size mm
IMJCSK	Small Cable Splicer Kit: IP67 rated enclosure 6-way connector block	2	4-9
IMJBSK	Small Box Kit: IP67 rated enclosure 6 cable glands 6-way connector block	6	4-9
IMJBMK	Medium Box Kit: IP67 rated enclosure 10 cable glands 12-way connector block	10	4-9
IMJBLK	Large Box Kit: IP67 rated enclosure 14 cable glands 12-way connector block	14	4-9
IMJBMEBK	Medium Box Kit: IP67 rated enclosure 10 cable glands 7-way busbar	10	4-9



Check product description for the components that make up the required kit. All technical data specifications are listed in this document.

**Enclosures**

Small		Medium		Large	
Width	94mm	Width	130mm	Width	180mm
Length	65mm	Length	94mm	Length	94mm
Height	57mm	Height	57mm	Height	57mm
Inner Height	45mm	Inner Height	45mm	Inner Height	45mm

**Attributes**

Ingress protection	IP67 - EN 60529 / DIN VDE 0470-1
Impact resistance	IK07 - DIN EN 5012 / VDE 0470 Part 100
Protection class	II - isolate protection acc. VDE 0106
Rated insulation voltage AC	690 V
Rated insulation voltage DC	1000 V
Sealable	Yes
Cover screw torque	1.2 Nm

**Materials**

Box	Polystyrene, light grey (similar to RAL 7035)
Cover	Polystyrene, light grey (similar to RAL 7035)
Sealing	Polystyrene
Cover screw	Polyamide 6, fiber-glass reinforced

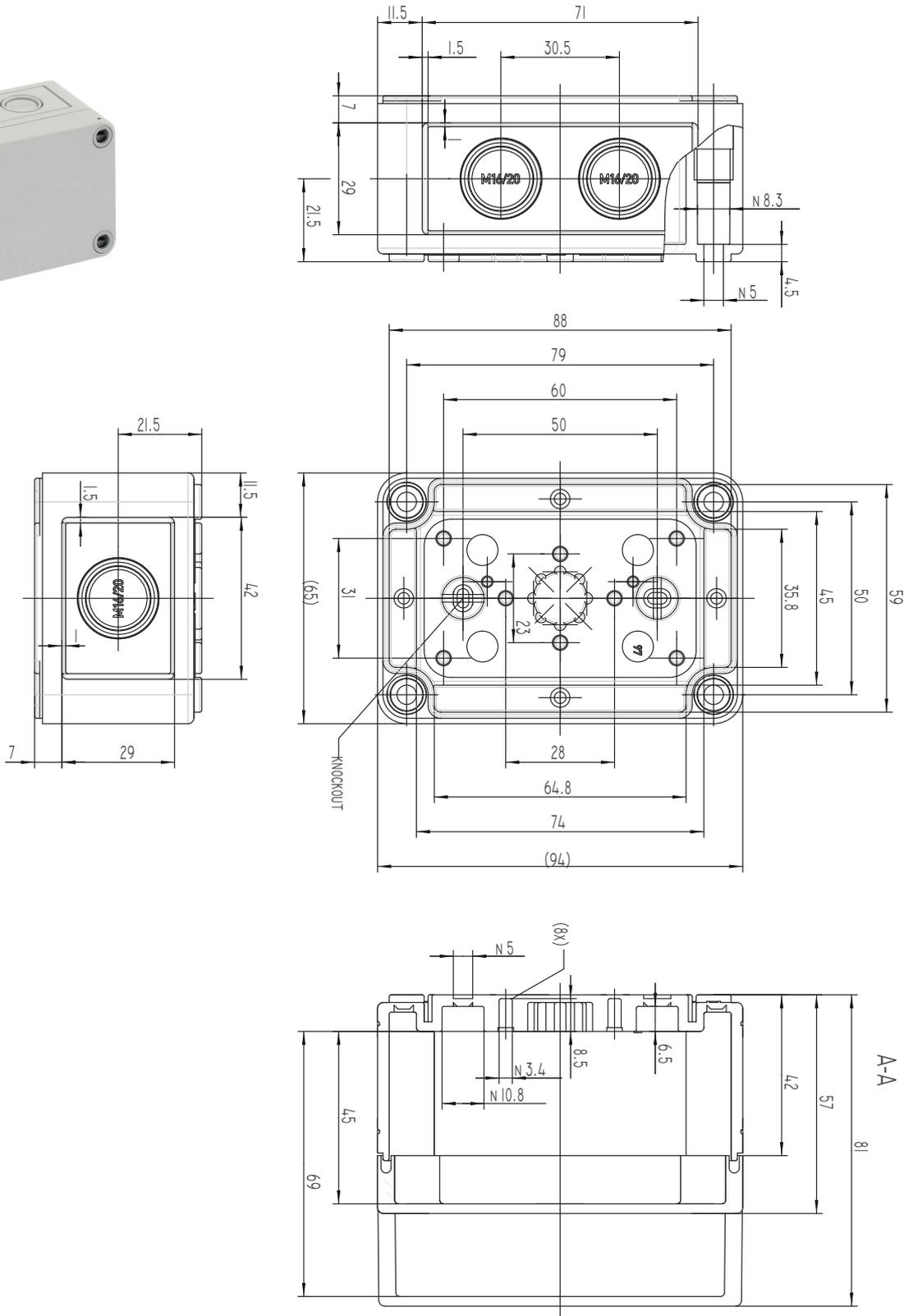
**Environmental Attributes**

Ambient temperature (min.)	-25°C
Ambient temperature (max.)	40°C
Ambient temperature (24hr)	35°C
Max. rel. humidity at 25°C (short term):	95%

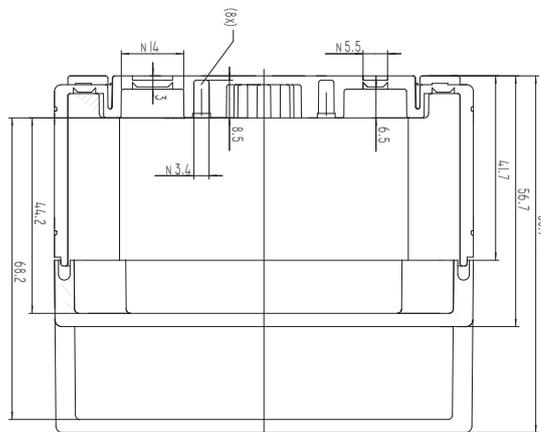
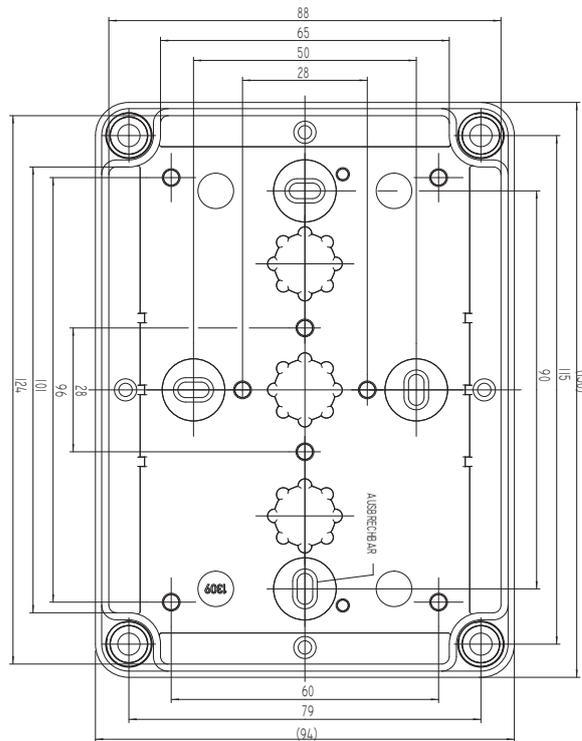
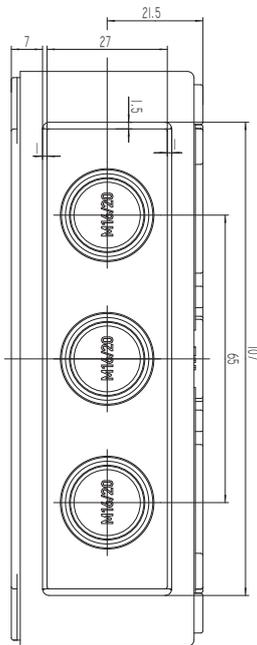
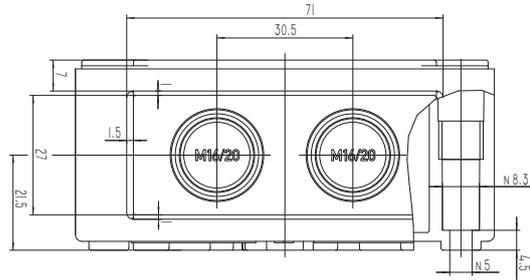
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### Small Box Dimensions



### Medium Box Dimensions



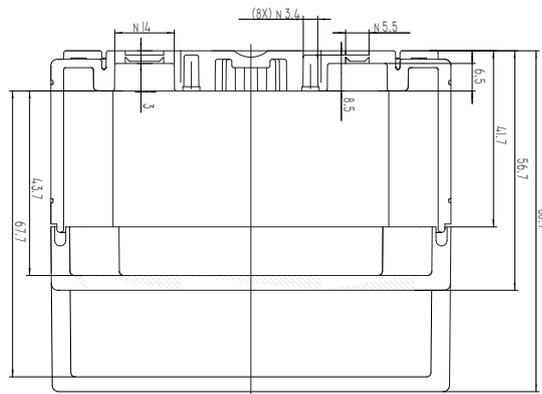
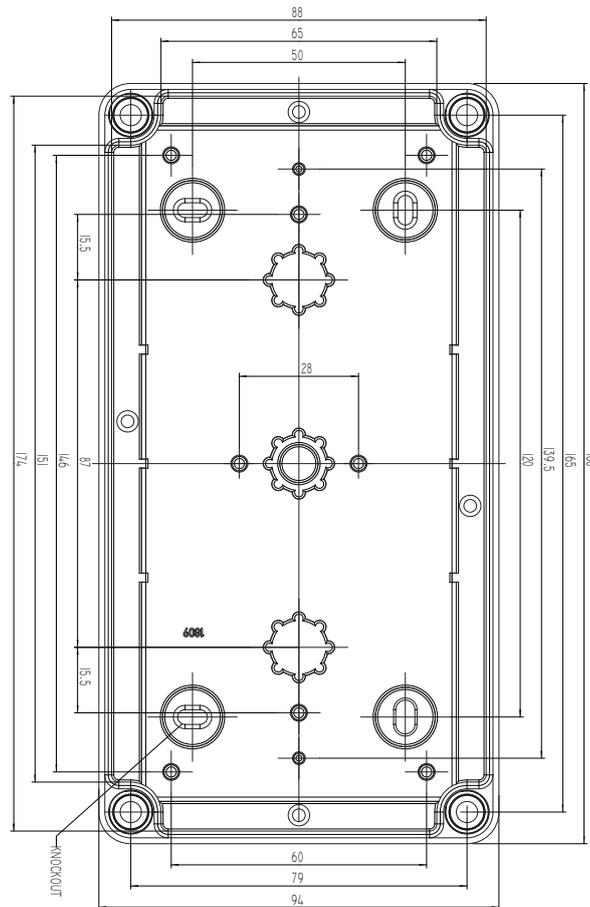
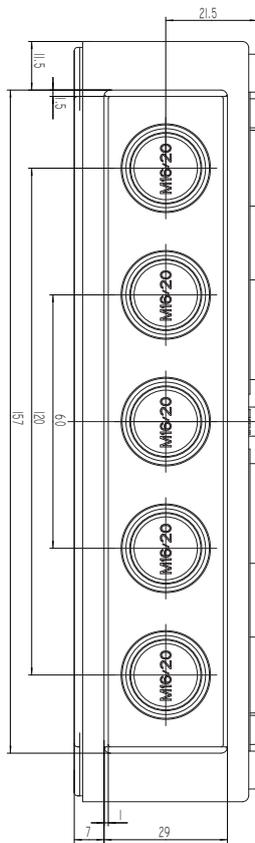
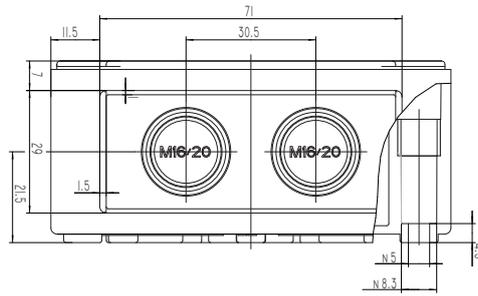
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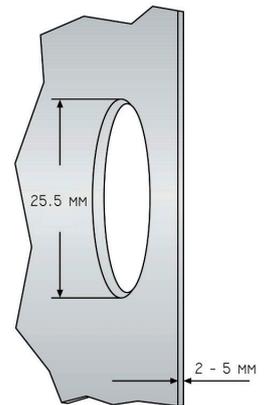
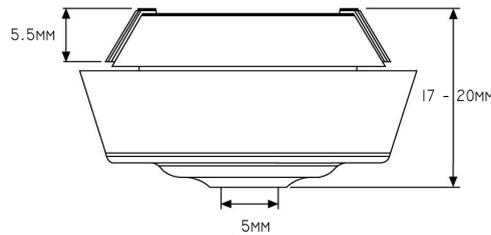
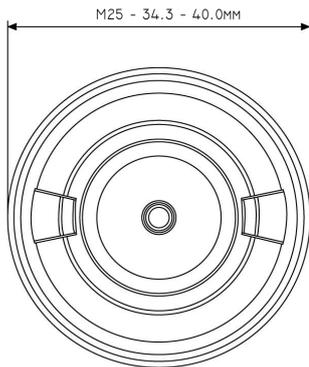
### Large Box Dimensions



### Cable Glands

KLIKSEAL® is an ergonomic combination of a cable gland and a grommet that does not require any torque during installation. It simply “klicks” into place. Klikseal is tested and certified to Cable Anchorage Type A - the same standard most industry standard cable glands are approved to. Compact, self-adjusting to its surrounding wall thickness, click-fixes into place, has a membrane seal, is waterproof, requires very little effort to install with its collapsible outer membrane, and saves up to 90% of your installation time.

Material	TPE and Polyamide 66 UL listed material
Protection class	IP65 / IP67
Temperature range	-20°C +125°C (1)
Test standard	EN60529:1991 + A1, EN50262:1998 + A1 + A2
Halogen	No



### Connector Block

Number of Ways	6 – 12 Way
Mounting Type	Through Hole
Current Rating	16 Amps
Termination Method	Screw
Wire Size	5 mm
Voltage Rating	250 V
Contact Material	Nickel Plated Brass

### Busbar

Number of Ways	13 Way
Rating	100 Amps
Termination Method	Screw
Wire Size	1 x 5 mm, 12 x 4 mm
Material	Brass CZ121
Contact Material	Nickel Plated Brass

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