

Advanced IP 66 plastic enclosures

The rounded ergonomic design of the SMART-BOX series is designed to enhance the visual impact and tactile quality of your industrial electronics.

- · convincing design; hinged flush-fitting trims hide all the case fixings
- high-quality material ASA+PC (UL 94 V-0) for use in tough conditions; also flame-retardant and selfextinguishing
- high protection class IP 66 (width 90/110/130/150), IP 65 (width 170); with pre-fitted sealing gaskets in the top
- high-quality A2 stainless steel alloy screws with high corrosion resistance even against aggressive substances
- · universal use for wall mount and desktop applications
- screw shafts for wall mounting hidden under the hinged trims
- · case feet (accessory), simply snap-in ensure non-slip desktop positioning
- · two plastic lid retaining straps included
- · recessed operating area for protecting a membrane keypad; additional surface for labels on the underside
- · internal fastening pillars for PCBs and DIN rails























Applications and Examples

Ideal for design orientated electrical and electronic applications, e.g.

- · Heating, air conditioning and ventilation engineering
- · Control and system engineering
- Safety technology
- IoT/IIoT
- Smart Factory
- Industry 4.0
- Gateways



Active UHF RFID system



Agricultural climate Control



Data logger for machine monitoring



Miniature data logger for crack displacements and climatic data



Pedestrian Alert System



RFID card reader for construction site workers



Universal temperature controller / Temperature difference controller

Customising Options

What do you still need for your own very personal product? We can supply enclosures and tuning knobs with all necessary modifications for fitting your electronic components.

Customising options for Smart-Box





Machining



Printing



Laser marking



Decor foils



EMC shielding



Installation / Assembly of accessories

Select Versions



C6009121 SMART-BOX WIDTH 90 ASA+PC (UL 94 V-0) light grey RAL 7035 120x90x50mm IP 66



C6009161 SMART-BOX WIDTH 90 ASA+PC (UL 94 V-0) light grey RAL 7035 160x90x50mm IP 66



C6011141 SMART-BOX WIDTH 110 ASA+PC (UL 94 V-0) light grey RAL 7035 140x110x60mm IP 66



C6011201 SMART-BOX WIDTH 110 ASA+PC (UL 94 V-0) light grey RAL 7035 200x110x60mm IP 66



C6013161 SMART-BOX WIDTH 130 ASA+PC (UL 94 V-0) light grey RAL 7035 160x130x60mm IP 66



C6013221 SMART-BOX WIDTH 130 ASA+PC (UL 94 V-0) light grey RAL 7035 220x130x60mm IP 66



C6015181 SMART-BOX WIDTH 150 ASA+PC (UL 94 V-0) light grey RAL 7035 180x150x60mm IP 66



C6017281 SMART-BOX WIDTH 170 ASA+PC (UL 94 V-0) light grey RAL 7035 280x170x60mm IP 65



Accessory "protection"



C2306917
Pressure equalisation element
M6x0.75
PA 6 (UL 94 HB)
light grey RAL 7035
IP 56



C2310917
Pressure equalisation element
M10x1
PA 6 (UL 94 HB)
light grey RAL 7035
IP 56



C2316147 Cable grommet TPE light grey RAL 7035 IP 67



C2320137 Cable grommet EPDM light grey RAL 7035 IP 67



C2320147 Cable grommet TPE light grey RAL 7035 IP 67



C6100006 Security plug PA 6 red



C6100016 Set of security PA 6 red

Accessory "screws"



A0306031 Self-tapping screws 3 x 6 mm (PZ1)



A0308031 Self-tapping screws 3 x 8 mm (PZ1)



A0308132 Self-tapping screw 3 x 8 mm (T10) Stainless steel

Accessory



A0308132 Self-tapping screw 3 x 8 mm (T10) Stainless steel



C2299018 Case feet TPE (UL 94 HB)



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