

# SMART-BOX

## 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 self-extinguishing
- RF permeable enclosure material
- 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



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## 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/IloT, smart factory, industry 4.0, gateways, etc.



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

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## 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

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**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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