

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 3.54"/4.33"/5.12"/5.91"), IP 65 (width 6.69"); 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



SMART-BOX

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

View Customizing 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.

Customizing options for Smart-Box



Machining



Printing



Laser marking



Decor foils



RFI/EMI shielding



Installation / Assembly of accessories

SMART-BOX

Select Versions



C6009121
SMART-BOX WIDTH 3.543"
ASA+PC (UL 94 V-0)
light gray RAL 7035
4.72"x3.54"x1.97"
IP 66



C6009161
SMART-BOX WIDTH 3.543"
ASA+PC (UL 94 V-0)
light gray RAL 7035
6.30"x3.54"x1.97"
IP 66



C6011141
SMART-BOX WIDTH 4.331"
ASA+PC (UL 94 V-0)
light gray RAL 7035
5.51"x4.33"x2.36"
IP 66



C6011201
SMART-BOX WIDTH 4.331"
ASA+PC (UL 94 V-0)
light gray RAL 7035
7.87"x4.33"x2.36"
IP 66



C6013161
SMART-BOX WIDTH 5.118"
ASA+PC (UL 94 V-0)
light gray RAL 7035
6.30"x5.12"x2.36"
IP 66



C6013221
SMART-BOX WIDTH 5.118"
ASA+PC (UL 94 V-0)
light gray RAL 7035
8.66"x5.12"x2.36"
IP 66



C6015181
SMART-BOX WIDTH 5.906"
ASA+PC (UL 94 V-0)
light gray RAL 7035
7.09"x5.91"x2.36"
IP 66



C6017281
SMART-BOX WIDTH 6.693"
ASA+PC (UL 94 V-0)
light gray RAL 7035
11.02"x6.69"x2.36"
IP 65

Accessory "protection"



C2306917
Pressure equalization element
M6x0.030"
PA 6 (UL 94 HB)
light gray RAL 7035
IP 56



C2310917
Pressure equalization element
M10x0.039"
PA 6 (UL 94 HB)
light gray RAL 7035
IP 56



C2316147
Cable grommet
TPE
light gray RAL 7035
IP 67



C2320137
Cable grommet
EPDM
light gray RAL 7035
IP 67

SMART-BOX



C2320147
Cable grommet
TPE
light gray RAL 7035
IP 67



C6100006
Security plug
PA 6
red



C6100016
Set of security
PA 6
red

Accessory "screws"



A0306031
Self-tapping screws 0.118" x
0.236" (PZ1)



A0308031
Self-tapping screws 0.118" x
0.315" (PZ1)



A0308132
Self-tapping screw 0.118" x
0.315" (T10)
Stainless steel

Accessory



A0308132
Self-tapping screw 0.118" x
0.315" (T10)
Stainless steel



C2299018
Case feet
TPE (UL 94 HB)

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