

Insulating industrial boxes

Characteristics



Characteristics	Universal boxes with IP66	Equipped button boxes, in ABS with IP54	ABS boxes for buttons, to be equipped
	<ul style="list-style-type: none"> ■ Boxes that can be coupled (exactly the same dimensions) with kit ref. 13934. ■ Locks from box size of 116 x 116 x 62 mm: <ul style="list-style-type: none"> □ cover locking by 4 plastic captive screws with coarse thread outside the sealed area, □ plumbable lock. ■ Locks from box size of 138 x 93 x 72 mm: <ul style="list-style-type: none"> □ the standard screws (flat screwdriver) can be replaced with other standardised screws (page 142). ■ The 4 "legs" of the cover ensure its robustness and perfect support during customisation operations. ■ Adaptable hinges on all the 20- and 40-mm covers (page 144). 		
Material	<ul style="list-style-type: none"> ■ ABS boxes: <ul style="list-style-type: none"> □ glow wire resistance: 650°C according to IEC 60695-2-11 □ usage temperature: -25°C...+60°C □ installation temperature: -15°C...+40°C ■ Polycarbonate boxes: <ul style="list-style-type: none"> □ glow wire resistance: 960°C □ usage temperature: -25°C...+80°C □ installation temperature: -15°C...+60°C 	<ul style="list-style-type: none"> ■ ABS boxes: <ul style="list-style-type: none"> □ glow wire resistance: 650°C according to IEC 60695-2-11 □ usage temperature: -25°C...+60°C □ installation temperature: -15°C...+40°C 	
Colour	<ul style="list-style-type: none"> ■ Body: RAL 7035 grey ■ Cover: RAL 7035 grey or tinted transparent 		
Ingress protection rating	IP66	IP54	-
Mechanical protection rating	ABS: IK07 (2J) according to IEC 62262 Polycarbonate: IK08 (2J) according to IEC 62262	ABS: IK07 (2J) according to IEC 62262	
Standards	IEC 62208		
Certifications	<ul style="list-style-type: none"> ■ IEC 62208 certified by TÜV ■ SEMKO, DEMKO ■ UL 508A: polycarbonate range ■ Product Environmental Profile ■ NEMA 4.4X according to NEMA 250 ■ Class II according to IEC 61140 ■ Self-extinguishing: UL 94 V-0 	<ul style="list-style-type: none"> ■ IEC 62208 certified by TÜV ■ SEMKO, DEMKO ■ UL 508A: polycarbonate range ■ Product Environmental Profile ■ NEMA 4.4X according to NEMA 250 ■ Class II according to IEC 61140 	
Installation	<p>Fixing the box</p> <ul style="list-style-type: none"> ■ Outside the sealed sensitive volume by the 4 chimneys in the corners from box size of 138 x 93 x 72 mm ■ Through the rear of the box by 2 or 4 elongated holes to be perforated ■ With fixing lugs from box size of 116 x 116 x 62 mm (ref. NSYAEFTB) <p>Outdoor installation: compliant with IEC 62208 regarding type tests specified in §9.12 (resistance to ultra-violet (UV) radiation) and §9.13 (resistance to corrosion). It is always advisable to install a canopy to avoid water stagnation on the upper part of the enclosure</p> <p>Equipment installation</p> <ul style="list-style-type: none"> ■ Studs for fixing the equipment in the body and the cover of the box by means of a Ø 4-mm self-tapping screw (ref. NSYAMFSTB, screw Ø 4 x 10 mm with Pozidriv and slotted head) ■ Option of installing rails, plates (page 145) or other types of supports (card, etc.) ■ Spacers and stand-offs to be installed on the studs, for adjusting the height of the equipment 		
Other characteristics	<ul style="list-style-type: none"> ■ Thermal dissipation: <ul style="list-style-type: none"> □ use a suitable calculation method according to IEC 60890 □ anti-condensation valves available as an accessory, prevent the build-up of moisture inside the box 	<ul style="list-style-type: none"> ■ Thermal dissipation: <ul style="list-style-type: none"> □ use a suitable calculation method according to IEC 60890 □ anti-condensation valves available as an accessory, prevent the build-up of moisture inside the box 	