
Empty enclosures, Aluminum and plastic, general use Type Y4





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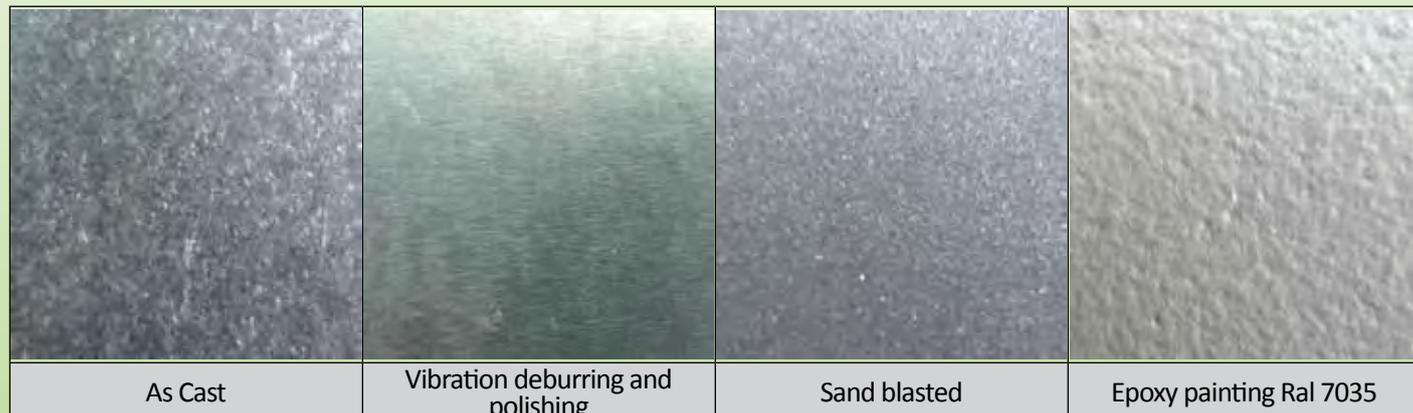


These aluminum and plastic housings are designed for receiving and mounting electronic or electromechanical components. They come bare without internal equipment and without holes or cable glands. Similar housings, equipped with temperature controls are presented elsewhere in this catalog (see Y3 series: Enclosures for immersion heaters) and in the catalog N °3 (Industrial control series Y6, Y7 and Y8)

Aluminum housings

There are 4 different surface finishes for these aluminum housings

- As cast, deburred: Last character of the reference = 0
- As cast, vibration deburred and polished: smooth finish. Last character of the reference = 7
- Sand blasted finish: excellent adhesion of epoxy paint (Last character of the reference = 1)
- Epoxy-gray RAL7035 painted: last character of the reference = G (other colors on request)



Housings in Plastic

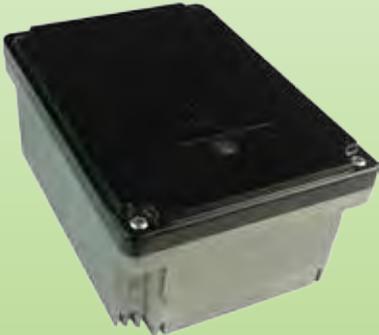
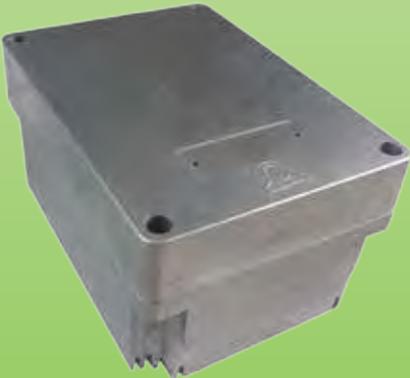
- **Body:** ADC12 Aluminum
- **Transparent covers:** Polycarbonate
- **Opaque covers:** Polycarbonate
- **Covers with window:** Frame in PA66, glass fiber reinforced, and polycarbonate window.

The technical specifications of these plastic materials are described in the technical introduction of the catalogue N°3 (Industrial controls)

Wiring harness services: If you wish to get control housings fully equipped and wired, please specify desired combinations, our wiring division (UL approved) is at your disposal.

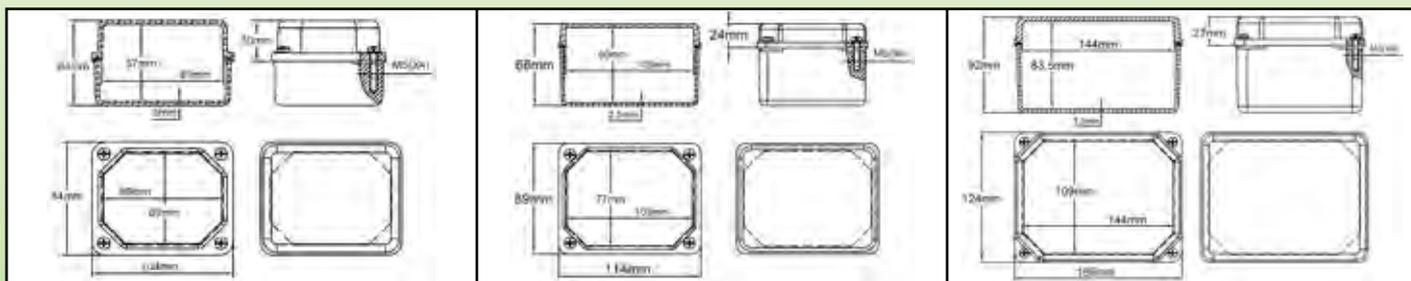
Machining of housings: On request, we can drill these housings upon your requirements.

Main products of the Y4 range

Y4A	Page 173	Y4B	Page 173	Y4C	Page 173
					
Aluminum box 64x84x104mm		Aluminum box 66x89x114mm		Aluminum box 93x124x159mm	
Y4D	Page 174	Y4E	Page 175	Y4F	Page 175
					
Aluminum box 40x86x175mm		Aluminum-plastic box with transparent polycarbonate cover 81x130x180mm		Aluminum-plastic box with black polycarbonate cover 81x130x180mm	
Y4G	Page 175	Y4H	Page 176		
					
Aluminum-plastic box with transparent window in polycarbonate 95x130x180mm		Aluminum box 96x132x182mm			

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Empty aluminum boxes for controls, types Y4A, Y4B, Y4C

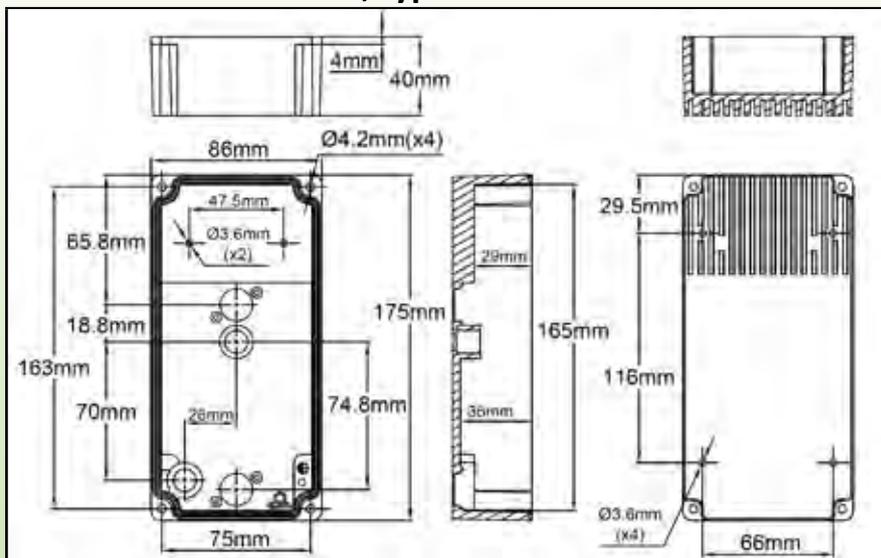


Material: Aluminum ADC12
Fasteners: M5, stainless steel
Cover gasket: NBR
Weight: Y4A : 345grs/ Y4B : 445grs/ Y4C : 980grs/

References	Size	Surface finish
Y4AA064084104000	64x84x104mm	As cast, deburred
Y4AA064084104007	64x84x104mm	As cast, vibration deburred and polished
Y4AA064084104001	64x84x104mm	Sand blasted finish
Y4AA06408410400G	64x84x104mm	Epoxy-gray RAL7035 painted
Y4BA066089114000	66x89x114mm	As cast, deburred
Y4BA066089114007	66x89x114mm	As cast, vibration deburred and polished
Y4BA066089114001	66x89x114mm	Sand blasted finish
Y4BA06608911400G	66x89x114mm	Epoxy-gray RAL7035 painted
Y4CA092124159000	92x124x159mm	As cast, deburred
Y4CA092124159007	92x124x159mm	As cast, vibration deburred and polished
Y4CA092124159001	92x124x159mm	Sand blasted finish
Y4CA09212415900G	92x124x159mm	Epoxy-gray RAL7035 painted

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Empty aluminum box for controls, type Y4D



Material: Aluminum ADC12

Fasteners: Not supplied. 4 holes di 4.2 mm allows to mount a cover

Cover gasket: Not supplied

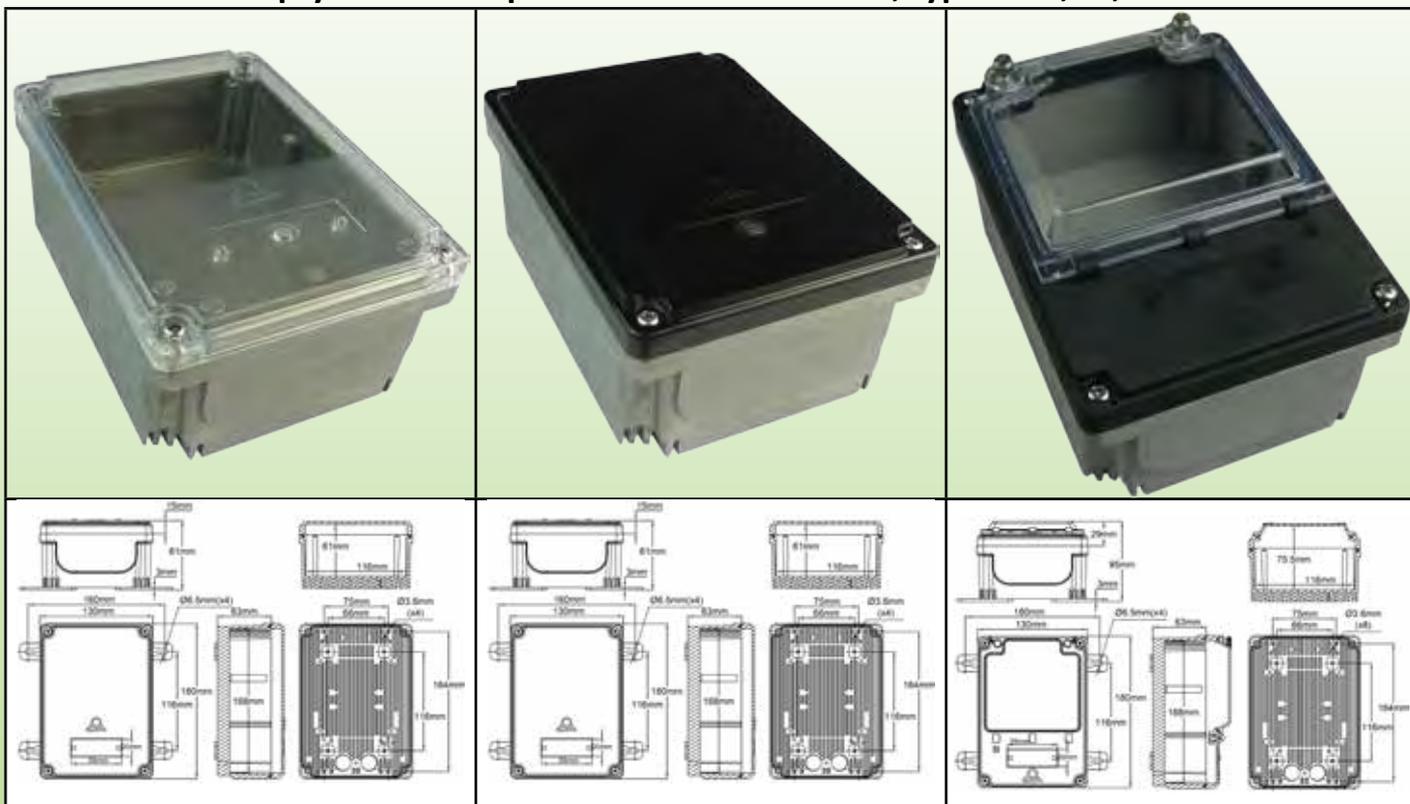
Specific feature: Rear side with cooling fins on ¼ of the surface

Weight: 386 grs

References	Surface finish
Y4DA040086175000	As cast, deburred
Y4DA040086175007	As cast, vibration deburred and polished
Y4DA040086175001	Sand blasted finish
Y4DA04008617500G	Epoxy-gray RAL7035 painted

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Empty aluminum-plastic boxes for controls, types Y4E, YF, Y4G



Material: Body Aluminum ADC12, cover polycarbonate (PA66+ Polycarbonate for window model)

Identification: Recess for identification label, adhesive or riveted

Fasteners: M5, stainless steel

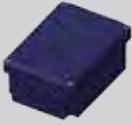
Specific feature: Rear side with cooling fins

Mounting: 4 removable mounting legs on rear side

Cover gasket: Silicone foam

Weight with flat cover: 990 grs

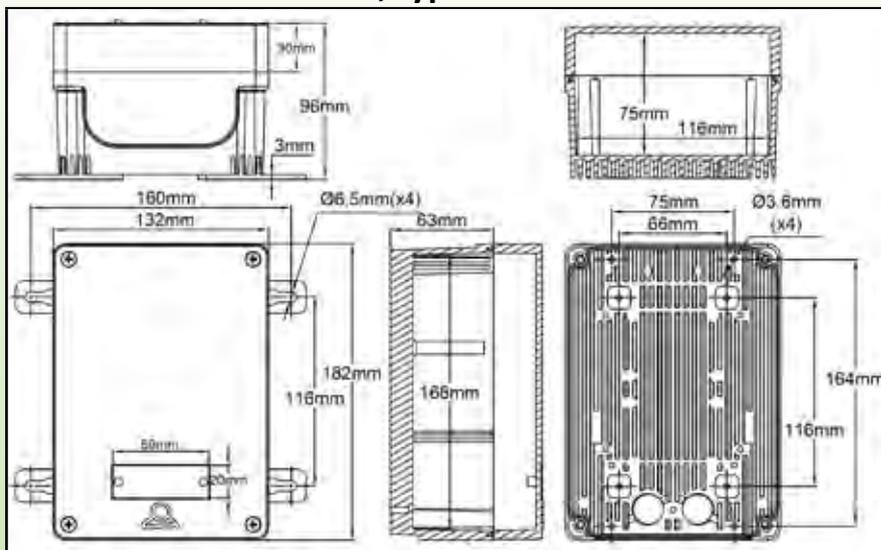
Weight with window cover: 1076 grs

Cover	Surface finish	References
Transparent polycarbonate 	As cast, deburred	Y4EM081130180000
	As cast, vibration deburred and polished	Y4EM081130180007
	Sand blasted finish	Y4EM081130180001
	Epoxy-gray RAL7035 painted	Y4EM08113018000G
Black polycarbonate 	As cast, deburred	Y4FN081130180000
	As cast, vibration deburred and polished	Y4FN081130180007
	Sand blasted finish	Y4FN081130180001
	Epoxy-gray RAL7035 painted	Y4FN08113018000G
Transparent polycarbonate window 	As cast, deburred	Y4GH081130180000
	As cast, vibration deburred and polished	Y4GH081130180007
	Sand blasted finish	Y4GH081130180001
	Epoxy-gray RAL7035 painted	Y4GH08113018000G

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Empty aluminum boxes for controls, type Y4H



Protection rating: IP65, IK10 (Can be rated IP69K on request)

Material: Aluminum ADC12

Identification: Recess for identification label, adhesive or riveted

Fasteners: M5, stainless steel

Specific feature: Rear side with cooling fins

Mounting: 4 removable mounting legs on rear side

Cover gasket: Silicone foam

Weight: 1377 grs

References	Surface finish
Y4HA096132182000	As cast, deburred
Y4HA096132182007	As cast, vibration deburred and polished
Y4HA096132182001	Sand blasted finish
Y4HA09613218200G	Epoxy-gray RAL7035 painted

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