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Orion + Enclosures *(IP65) (sheet metal and polyester)*

Sheet steel or glass reinforced polyester - the **Orion Plus** enclosures are suited for the harshest conditions and can be applied for wet and mechanical use. Even under chemical use, Orion Plus offers the ideal solution with glass reinforced polyester. Flexibly is provided via mounting plate or DIN rail *(in 2 different versions)* and thus offers the suitable interior equipment system - both for the application in automation and for classical current distribution.

- Colour: RAL 7035 *(light grey)*
- Mounting: Surface mounting
- Certification: CEI EN 60439-1
- Material: Sheet steel - class I or polyester - class II
- IP Rating: *(IP65/IK10)* protection, insulation class I *(powder-coated epoxy polyester)*

General features:

- Size and depth adapted according to your need
- Front door with foamed gasket opening 140º, hinged left or right
- Interior kits for conversion to distribution facility *(for mounting MCBs and modular products)*
- Sheet metal enclosures for indoor application, Polyester enclosures for indoor and outdoor applications

Typical applications:

- Installation of automation products for the control of machines or small processes
- Installation of non modular products such as contactors, transformers, etc
- Cable termination and distribution

FL117A

type	protection	description	dimensions (mm)		
			(H)	(W)	(D)

Sheet metal enclosures *(surface mounting)* colour: RAL 7035 *(light grey)*

- IP65 protection, insulation class I *(powder-coated epoxy polyester)*
- Full-sized top and bottom gland plates *(enclosures can be mounted on top of each other)*

type	protection	description	(H)	(W)	(D)
FL102A	IP65	surface mount sheet metal enclosure	300	250	160
FL104A	IP65	surface mount sheet metal enclosure	350	300	160
FL110A	IP65	surface mount sheet metal enclosure	500	300	200
FL112A	IP65	surface mount sheet metal enclosure	500	400	200
FL117A	IP65	surface mount sheet metal enclosure	650	400	200
FL120A	IP65	surface mount sheet metal enclosure	650	500	250
FL124A	IP65	surface mount sheet metal enclosure	800	600	300
FL128AEM	IP65	surface mount sheet metal enclosure	950	800	300
FL130AEM	IP65	surface mount sheet metal enclosure	1250	800	300

Note: *Above enclosures with transparent door (add suffix T to part no. - e.g* **FL102AT** *)*   **+ 15%**

Polyester enclosures *(surface mounting)* colour: RAL 7035 *(light grey)*

- IP65 protection, insulation class II
- Waterproof hood, top and bottom *(incorporated)*

type	protection	description	(H)	(W)	(D)
FL204B	IP65	surface mount polyester enclosure	350	300	160
FL209B	IP65	surface mount polyester enclosure	500	300	200
FL213B	IP65	surface mount polyester enclosure	500	400	200
FL216B	IP65	surface mount polyester enclosure	650	400	200
FL221B	IP65	surface mount polyester enclosure	650	500	250
FL229B	IP65	surface mount polyester enclosure	800	600	300

FL110A+FL547A

Chassis plates *(supplied separately)*

- Plain mounting plate mounted either directly
- Sheet metal thickness 2 mm
- Mounting either directly on the back of enclosure or on the integrated slides with brackets **FL450A** to adjust depth, see page ***H-16***

type	description	for enclosures	
FL402A	internal sheet metal chassis plate	for enclosure	FL102
FL404A	internal sheet metal chassis plate	for enclosure	FL104/204
FL407A	internal sheet metal chassis plate	for enclosure	FL110/209
FL408A	internal sheet metal chassis plate	for enclosure	FL112/213
FL412A	internal sheet metal chassis plate	for enclosure	FL117/216
FL413A	internal sheet metal chassis plate	for enclosure	FL120/221/221B
FL415A	internal sheet metal chassis plate	for enclosure	FL124/229
FL417AEM	internal sheet metal chassis plate	for enclosure	FL128
FL419AEM	internal sheet metal chassis plate	for enclosure	FL130

FL404A