Modular system. Sleek design. Flexible solutions.

Modular design for flexible solutions

The global flat M22 and M30 enclosures offer a modular design compatible with flat contact blocks and indicating lights.

The use of tool-and maintenance-free terminals simplify installation and save time regardless of whether the installation takes place on a flat surface or by means of a mounting rail.

The pilot device operators, LED light units and contact blocks can be quickly exchanged in order to modify an enclosure to the specific requirements of your application.

Eaton's modular flat enclosures are IP66, IP67 and IP69 rated to withstand harsh environments in a variety of applications and ensure a long service life.

Smart. Smarter. Multi-color.

The modular flat enclosure offers compatibility with flat contact blocks and LED light units including multicolor (RGB) and dual-color (red/green) options. This feature also enables intelligent machine operation and individual visualization of various machine states.

The right model for every application

The surface-mounting enclosures, with up to four mounting locations, are designed to be used with both M22 and M30 pilot devices, either individually or in combination. The modular system offers multiple options for a broad range of applications—whether it's emergency-stop buttons, indicator lights, pushbuttons, selector buttons or key-operated buttons, the modular Flat Enclosure can do it all.

With the yellow surface-mounting enclosure, we've created an especially sleek and high-quality design for use as emergency-stop buttons. The positive opening contacts are ideally suited for safety-related applications, and the yellow color allows for quick identification of the emergency stop button.

Versatile applications

The use of modular contact blocks facilitates a wide range of application options. Despite its sleek design, the enclosure can handle operating voltages up to 230 V and operating currents up to 4 A, which enables direct switching in any application.

FAT•N

Powering Business Worldwide

Global modular flat enclosure

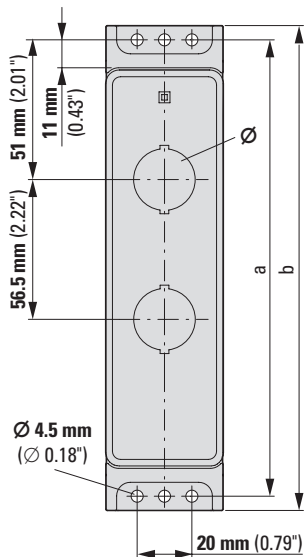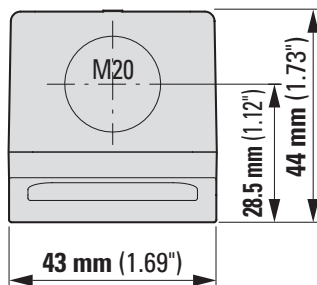| Mounting locations	Cable entries	Degree of protection	Color Cover	Catalog number
1x22.5	1xM20, 1xM20 floor entry	IP66, IP67, IP69	⬤ (grey)	**M22-FI1**
1x22.5	1xM20, 1xM20 floor entry	IP66, IP67, IP69	⬤ (yellow)	**M22-FIY1**
2x22.5	2xM20, 1xM20 floor entry	IP66, IP67, IP69	⬤ (grey)	**M22-FI2**
3x22.5	2xM20, 1xM20 floor entry	IP66, IP67, IP69	⬤ (grey)	**M22-FI3**
4x22.5	2xM20, 1xM20 floor entry	IP66, IP67, IP69	⬤ (grey)	**M22-FI4**
1x30.5	1xM20, 1xM20 floor entry	IP66, IP67, IP69	⬤ (grey)	**M30-FI1**
2x30.5	2xM20, 1xM20 floor entry	IP66, IP67, IP69	⬤ (grey)	**M30-FI2**
3x30.5	2xM20, 1xM20 floor entry	IP66, IP67, IP69	⬤ (grey)	**M30-FI3**
4x30.5	2xM20, 1xM20 floor entry	IP66, IP67, IP69	⬤ (grey)	**M30-FI4**
1x22.5 3x30.5	2xM20, 1xM20 floor entry	IP66, IP67, IP69	⬤ (grey)	**M30-FI4-PV**

Color of lower section: black

(Y)1	2	3	4
a	121mm (4.76")	177.5mm (6.99")	234 mm (9.21")	290.5 mm (11.44")
b	131.5mm (5.18")	188 mm (7.4")	244 mm (9.61")	301 mm (11.85")
Ø	M33=22.5mm (0.89") M30=30.5mm (1.2")			

51 mm (2.01")
11 mm (0.43")
56.5 mm (2.22")
Ø 4.5 mm (Ø 0.18")
20 mm (0.79")

M20
28.5 mm (1.12")
44 mm (1.73")
43 mm (1.69")

For more information, visit Eaton.com/howtobuy or www.eaton.com/pushbuttons

Access 24/7/365 interactive support at trcsupport.eaton.com

EAT·N
Powering Business Worldwide

Follow us on social media to get the latest product and support information.