

FIBOX PICCOLO

FIBOX PICCOLO



PC
ABS
EMC
PBPC
SABS



PICCOLO EMC



PICCOLO PUSH BUTTONS









PICCOLO SIGNAL

The FIBOX PICCOLO range of enclosures is specifically designed for housing push buttons, terminal blocks, motor starters and electronic devices. They are also ideal for mounting and protecting process control sensors and switches. There are six basic sizes and a choice of two cover depths. Push Button configurations are available as standard. FIBOX PICCOLO is available in polycarbonate or ABS.

The enclosures are rated EN 60529 IP66/IP67.

FIBOX PICCOLO

| FIBOX PICCOLO PC: IP66 / IP67, IK 08 ABS: IP66 / IP67, IK 07 | Z mm | C mm | Including: Enclosure base, cover with PUR gasket, 4 cover screws, and mounting screws. | | | | B x A |
|---|----------------|----------------|--|--|-------------------|-----------|---------------------|
| | | | ORDER SYMBOL | | ORDER SYMBOL | | L x S |
| | | | Grey cover | | Transparent cover | | mm |
| PICCOLO B Y x X 110 mm 80 mm  | 65 | 52 | PC B 65 G | | PC B 65 T | B | |
| | 85 | 72 | PC B 85 G | | PC B 85 T | 75 | |
| | 65 | 52 | ABS B 65 G | | ABS B 65 T | L x S | |
| | 85 | 72 | ABS B 85 G | | ABS B 85 T | 90 x 60 | |
| PICCOLO C Y x X 140 mm 80 mm  | 65 | 52 | PC C 65 G | | PC C 65 T | B | |
| | 85 | 72 | PC C 85 G | | PC C 85 T | 105 | |
| | 65 | 52 | ABS C 65 G | | ABS C 65 T | L x S | |
| | 85 | 72 | ABS C 85 G | | ABS C 85 T | 120 x 60 | |
| PICCOLO D Y x X 170 mm 80 mm  | 65 | 52 | PC D 65 G | | PC D 65 T | B | |
| | 85 | 72 | PC D 85 G | | PC D 85 T | 135 | |
| | 65 | 52 | ABS D 65 G | | ABS D 65 T | L x S | |
| | 85 | 72 | ABS D 85 G | | ABS D 85 T | 150 x 60 | |
| PICCOLO F Y x X 230 mm 80 mm  | 65 | 52 | PC F 65 G | | PC F 65 T | B | |
| | 85 | 72 | PC F 85 G | | PC F 85 T | 195 | |
| | 65 | 52 | ABS F 65 G | | ABS F 65 T | L x S | |
| | 85 | 72 | ABS F 85 G | | ABS F 85 T | 210 x 60 | |
| PICCOLO H Y x X 170 mm 140 mm  | 95 | 81.7 | PC H 95 G | | PC H 95 T | B x A | |
| | 95 | 81.7 | ABS H 95 G | | ABS H 95 T | 130 x 100 | |
| | | | | | | L x S | |
| | | | | | | 152 x 122 | |
| PICCOLO M Y x X 230 mm 140 mm  | 95 | 81.7 | PC M 95 G | | PC M 95 T | B x A | |
| | 95 | 81.7 | ABS M 95 G | | ABS M 95 T | 190 x 100 | |
| | 125 | 111.7 | PC MH 125 G | | PC MH 125 T | S x L | |
| | 125 | 111.7 | ABS MH 125 G | | ABS MH 125 T | 212 x 122 | |

External height **Y** External width **X** External depth **Z** Free internal mounting height **C** Mounting plate assembly **B** x **A** Wall mounting **L** x **S**

- Y** External height
- X** External width
- Z** External depth
- C** Free internal mounting height
- B** Mounting plate assembly
- A** Mounting plate assembly
- L** Wall mounting
- S** Wall mounting

FP 22040
fastening lug measures

SYMBOLS AND ABBREVIATIONS

PC B 65 T

- Cover G = Grey
- T = Smoked grey
- Y = colour of the enclosure
- Total height = base + cover
- Enclosure size
- Enclosure range/type

- PC polycarbonate smooth sides
- ABS ABS grey, smooth sides
- SABS ABS signal Y=yellow smooth sides
- EMC polycarbonate, painted for EMC-shielding, smooth sides
- PBPC polycarbonate, push buttons in cover 1 = one hole
1M = one hole miniature size

FIBOX PICCOLO

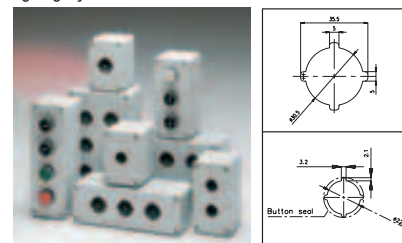
PICCOLO EMC, PICCOLO YELLOW AND PICCOLO PUSH BUTTONS

| FIBOX PICCOLO EMC POLYCARBONATE ENCLOSURE | | | |
|---|-----------|----------------|-------------------------|
| ORDER SYMBOL | | DIMENSIONS mm | |
| EMC PC B 65 G | | 110 x 80 x 65 | REMOVING PRODUCT |
| EMC PC C 65 G | | 140 x 80 x 65 | |
| EMC PC D 65 G | | 170 x 80 x 65 | |
| EMC PC F 65 G | | 230 x 80 x 65 | |
| EMC PC H 95 G | | 170 x 140 x 95 | |
| EMC PC M 95 G | | 230 x 140 x 95 | |
| FIBOX PICCOLO BUSH BUTTON ENCLOSURES | | | |
| PBPC B 85 G 1 | ∅ 30.5 MM | 110 x 80 x 85 | REMOVING PRODUCT |
| PBPC D 85 G 2 | | 170 x 80 x 85 | |
| PBPC F 85 G 3 | | 230 x 80 x 85 | |
| PBPC H 95 G 4 | ∅ 22.5 MM | 170 x 140 x 95 | |
| PBPC M 95 G 6 | | 230 x 140 x 95 | |
| PBPC B 85 G 1M | | 110 x 80 x 85 | |
| PBPC C 85 G 2M | | 140 x 80 x 85 | |
| PBPC D 85 G 3M | | 170 x 80 x 85 | |
| PBPC F 85 G 4M | | 230 x 80 x 85 | |
| FIBOX PICCOLO SIGNAL ABS ENCLOSURE | | | |
| SABS B 65 Y | | 110 x 80 x 65 | REMOVING PRODUCT |
| SABS C 65 Y | | 140 x 80 x 65 | |
| SABS D 65 Y | | 170 x 80 x 65 | |
| SABS F 65 Y | | 230 x 80 x 65 | |
| SABS H 95 Y | | 170 x 140 x 95 | |
| SABS M 95 Y | | 230 x 140 x 95 | |

A standard PICCOLO EMC shielded plastic enclosure family for fulfilling the newest European regulations of electromagnetic compatibility. Five different standard sizes available ex stock with 40 to 60 db attenuation through reliable Ni-coating inside the enclosure.



Choose PICCOLO PB Polycarbonate enclosures to house 30.5 mm or 22.5 mm pushbuttons in corrosive environments. Piccolo PB enclosures feature high impact resistance, stylish design, and light grey colour.



Bright Yellow PICCOLO enclosure with black cover screws for places where visible safety is needed.









Data subject to change without notice.






TECHNICAL INFORMATION

| PROPERTY | POLYCARBONATE (PC) | ABS | CONFORMITY TO STANDARDS (UL, CSA, CE, Lloyds, BV, FI) |
|-----------------------------------|---|--|---|
| Ingress Protection (EN 60529) | IP66/IP67 | IP66/67 | USA Enclosures for Electrical Equipment PC: UL Type 1, 4X, 6, 12 and 13 (UL 50/508) ABS: NEMA 1, 4, 4X, 6, 12 and 13 |
| Impact Resistance (EN 50102) | IK 08 | IK 07 | Canada Industrial Control Equipment Enclosures for Electrical Equipment/ULc |
| Temperature Range (short term) | Celsius Fahrenheit -40°...120°C -40°...250°F | -40°...80°C -40°...175°F | Europe Enclosures for Switch Gear and Control Gear Assemblies EN 50298:1998 |
| Temperature Range (continuous) | Celsius Fahrenheit -40°...80°C -40°...175°F | -40°...60°C -40°...140°F | Europe Safety of Information Technology Equipment EN 60950 |
| Electrical Insulation | Totally insulated <input type="checkbox"/> | Totally insulated <input type="checkbox"/> | Australia Enclosures for switch gear and control gear AS 3132-1991 |
| Light Grey Parts Colour | RAL 7035 Industry Grey | RAL 7035 Industry Grey | |
| Transparent Clear PC Cover | Clear Transparent | Clear Transparent | |
| Cover Screws | RAL 7035 | RAL 7035 | |
| Cover Screws | Polyamide (PA) | Polyamide (PA) | |
| Gasket | PUR | PUR | |
| Enclosure Flammability Rating | UL94-5V | UL94HB | UL 746 C 5 in. vertical flame test |
| Glow Wire Test | 960°C | 650°C | IEC 695-2-1, Self-extinguishing |
| Non-toxicity | Halogen Free | Halogen Free | |
| UV resistance | UL 508 | | |
| Chemical Resistance * | 720 hours in "Weatherometer" Good | Good | |

Data subject to change without notice. *Consult separate raw material data for more detailed information

ACCESSORIES

| Product | Order symbol | Size mm | |
|--|--|---|--|
| Mounting plate  | B-MP C-MP D-MP F-MP H-MP M-MP | 80 x 54 110 x 54 140 x 54 200 x 54 125 x 94 185 x 94 | |
| Mounting rail DIN 35  | B-3 CHM-3 DH-3 FM-3 | 35 x 80 35 x 110 35 x 140 35 x 200 | |
| Inspection windows  | L02 L04 L06 L08 L10 | 60 x 77 96 x 77 130 x 77 162 x 77 199 x 77 | |
| Ventilation device  | MB 10631 | | |
| Hinges  | TH A | | |
| Hinges, 1 pair incl. screws  | PA 22039 | | |

| Product | Order symbol | Size mm | |
|--|--|--------------------------|----------------------|
| Mounting foot kit, 2 pcs incl. screws  | FP 22040 | | |
| Mounting foot kit, 4 pcs incl. screws  | FP 22046 | | |
| Screw sets  | MB S-20 KN MB S-40 KN MB S-20 BKN MB S-40 BKN | | |
| Cover screws  | Grey S-20 S-40 Black S-20B S-40B | 0.8 1.6 0.8 1.6 | 20 40 20 40 |
| Mounting screw  | KN 3.9 x 9.5 | | |

CUSTOMISATION

Enclosures can be machined, painted, screen printed and preassembled to meet your customisation requirements. Fibox's service centre offers complete CNC machining, hinge mounting, screen printing, assembly and much more. Our wide selection of enclosures and accessories can be customised to create a unique enclosure meeting your application requirements.

