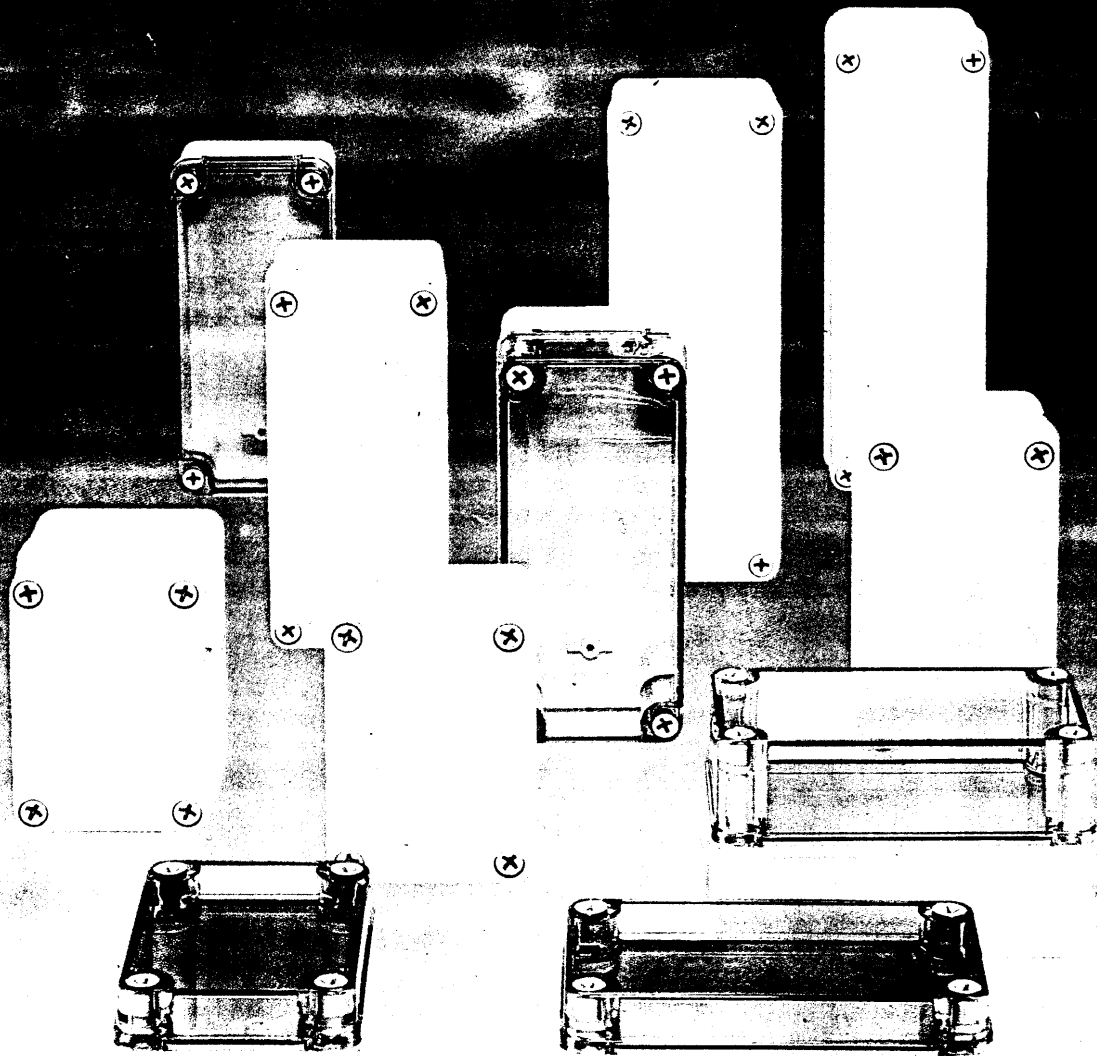


PICCOLO

ENCLOSURES



223-359

A range of small enclosures
in polycarbonate or ABS.

FISKARS

PICCOLO

Technical characteristics

Degree of protection:

Dust and watertight to IP 67 according to IEC 529.

Safety:

Fully insulated, class II acc to IEC 536, classification of electrical and electronic equipment with regard to protection against electrical shock.

Colour:

Grey RAL 7035. Covers also available in transparent version.

Materials:

PC-version: Base + cover in tough impact resistant PC.

ABS-version: Base + grey covers in tough impact resistant

ABS, transparent covers in polycarbonate.

Gasket: Oil and acid resistant polyurethane.

Cover screws: Robust dimensioned, captive cross slot head screws in tough low friction PA6.

Equipment mounting:

Mounting pods for 3,9x9,5 self cutting screws.

Wall mounting:

Directly through base in cover screw cavity, outside gasketed area, or with separate mounting lugs.

Dimensions:

6 base sizes, modulus 110, 140, 170, 230 mm.

Cover depth: 20 or 40 mm for sizes B, C, D and F, 20 mm for sizes H and M.

Base depth: 45 mm for sizes B to F and 75 mm for sizes H and M.

Machining:

Machining is easy with normal tools. The enclosures can be drilled, sawed, filed and punched etc. Information on suitable paint systems can be supplied on request. They can also be welded with ultrasonic apparatus.

Maintenance:

PICCOLO enclosures do not need any particular maintenance. If necessary soap and water may be used. If a detergent is used the enclosure should be rinsed well with clean water. SOLVENTS SHOULD NOT BE USED.

Chemical resistance PC:

Polycarbonate is resistant to mineral acids up to high concentrations, many organic acids (e.g. carbon dioxide, lactic, oleic and citric acids), oxidants and reducing agents, neutral and acid salt solutions, greases and oils, saturated aliphatic and cycloaliphatic hydrocarbons and alcohols, except for methyl alcohol.

Polycarbonate is destroyed by alkaline solutions, ammonia gas and its solution and amines. Polycarbonate is soluble in a number of commercial solvents. Other organic compounds such as benzene, acetone and carbon tetrachloride have a superficial swelling effect.

Chemical resistance ABS:

ABS products are almost completely resistant to aqueous acids, alkalis and salts. Concentrated oxidizing acids produce disintegration. Concentrated phosphoric and hydrochloric acids have little effect. Low KB solvents, alcohols and animal, vegetable and mineral oils produce insignificant changes (ASTM-D 543). Aromatic or chlorinated hydrocarbons and high KB solvents cause marked swelling.

Esters, ketones and unsaturated alkalis are solvents.

Temperature range ABS:

Long term exposure to temperatures above 70°C should be avoided. The material has little impactability in temperatures below -20°C.

TYPE	MEASUREMENT			CODE
	L	W	H	
Complete enclosures PC				
B65PT	110	80	65	8724003
B65PG	110	80	65	24303
B85PT	110	80	85	24004
B85PG	110	80	85	24304
C65PT	140	80	65	8724005
C65PG	140	80	65	24305
C85PT	140	80	85	24006
C85PG	140	80	85	24306
D65PT	170	80	65	8724007
D65PG	170	80	65	24307
D85PT	170	80	85	24008
D85PG	170	80	85	24308
F65PT	230	80	65	8724011
F65PG	230	80	65	24311
F85PT	230	80	85	24012
F85PG	230	80	85	24312
H95PT	170	140	95	8724015
H95PG	170	140	95	24315
M95PT	230	140	95	8724018
M95PG	230	140	95	24318

Complete enclosures ABS

B65AT	110	80	65	8784003
B65AG	110	80	65	84303
B85AT	110	80	85	84004
B85AG	110	80	85	84304
C65AT	140	80	65	8784005
C65AG	140	80	65	84305
C85AT	140	80	85	84006
C85AG	140	80	85	84306
D65AT	170	80	65	8784007
D65AG	170	80	65	84307
D85AT	170	80	85	84008
D85AG	170	80	85	84308
F65AT	230	80	65	8784011
F65AG	230	80	65	84311
F85AT	230	80	85	84012
F85AG	230	80	85	84312
H95AT	170	140	95	8784015
H95AG	170	140	95	84315
M95AT	230	140	95	8784018
M95AG	230	140	95	84318

DIN rails

B-3	80 mm		8724030
CHM-3	110 mm		24031
DH-3	140 mm		24032
FM-3	200 mm		24033
B-1	80 mm		8724036
CHM-1	110 mm		24037
DH-1	140 mm		24038
FM-1	200 mm		24039

Mounting plates

B-MP	80	54	1.5	8724060
C-MP	110	54	1.5	24061
D-MP	140	54	1.5	24062
F-MP	200	54	1.5	24063
H-MP	125	95	1.5	24064
M-MP	185	95	1.5	24065

Accessories

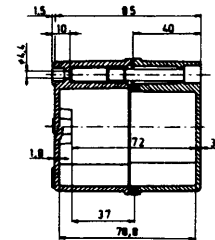
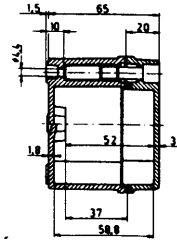
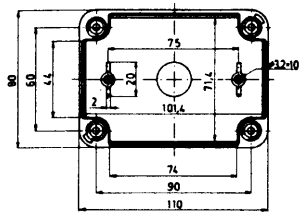
PA22039	Set of hinges	8522339
FP22040	2 Fastening lugs type II incl.screws	8522340
FP22046	4 Fastening lugs type I incl.screws	8522346
MS 14042	Mounting screw 3,9x9,5	5514042

Temperature range PC:

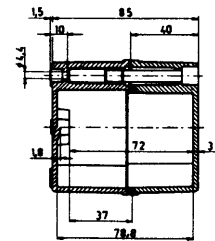
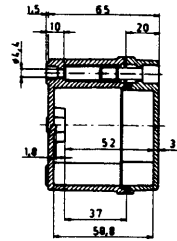
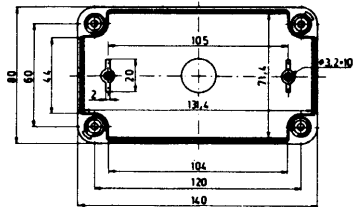
The tough and elastic properties of the polycarbonate enclosure material are retained to very high (+130) and down to very low (-50) temperatures; meaning that enclosure properties like impact resistance and stability only vary marginally in a practical temperature range from +120 to -50.

Polycarbonate has a continuous temperature rating of 80°C.

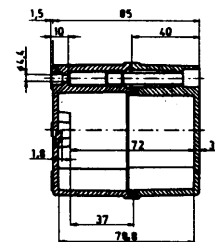
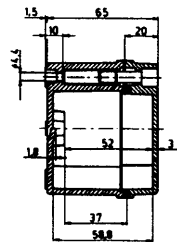
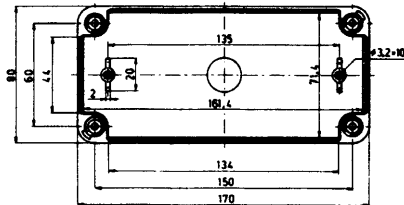
Size B



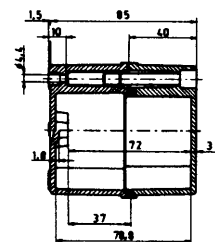
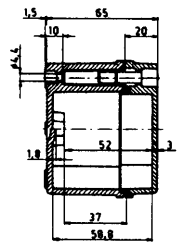
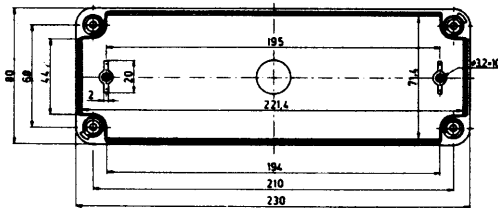
Size C



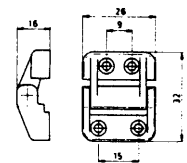
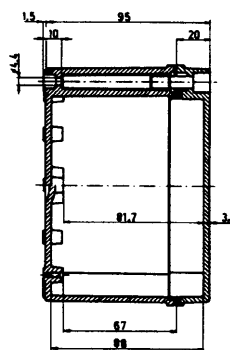
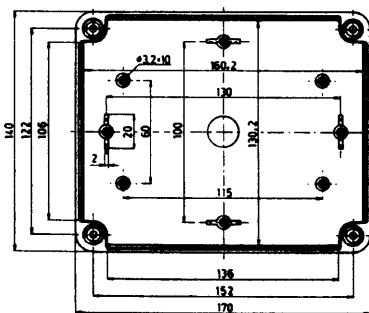
Size D



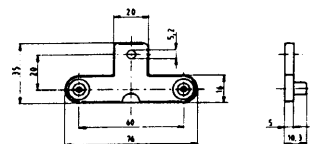
Size F



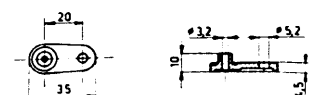
Size H



Hinge PA 22039

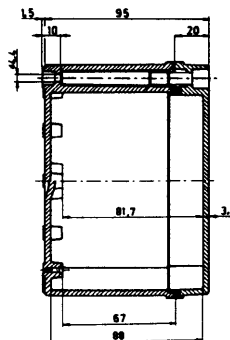
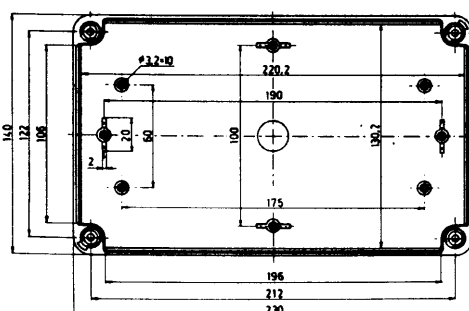


Fastening lug type II
FP 22040



Fastening lug type I
FP 22046

Size M



Subject to technical alterations.



All values are approximate.

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