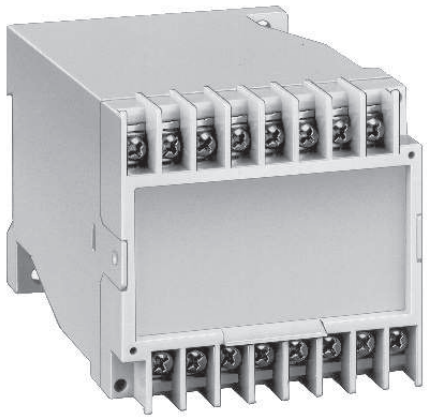
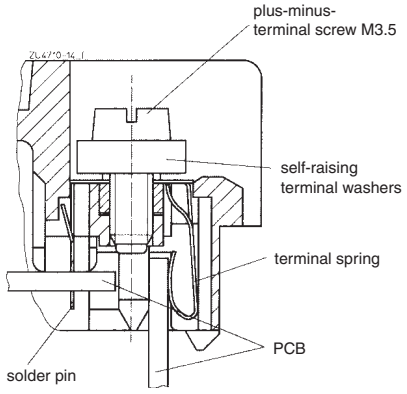
Insulated Enclosure K70/075A

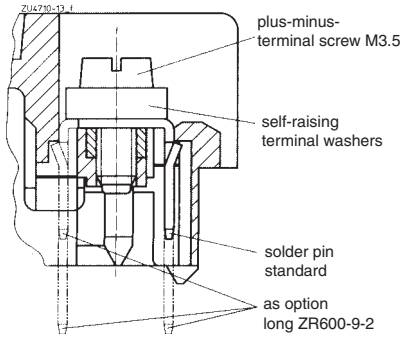
with flat terminals
for plug-in technology



- Width 75 mm
- Max. 16 plus-minus-terminal screws with self raising terminal washers
- PCBs are easy to install because of guiding ribs
- Terminal cover for contact protection complies with VBG 4 as option
- a base section for this enclosure is also available without screw fixing recesses e.g. suitable for DIN-rail mounting only
- Changeable Plate as option



Flat terminal for plug-in technology



Flat terminal for soldered connection
on request

Technical Data

Order reference:	K70/075A 112-16
Outer dimensions:	75 x 73 x 112 mm
with cover:	75 x 77 x 112 mm
Enclosure material:	PC-GF light grey RAL 7035 (other colour on request)

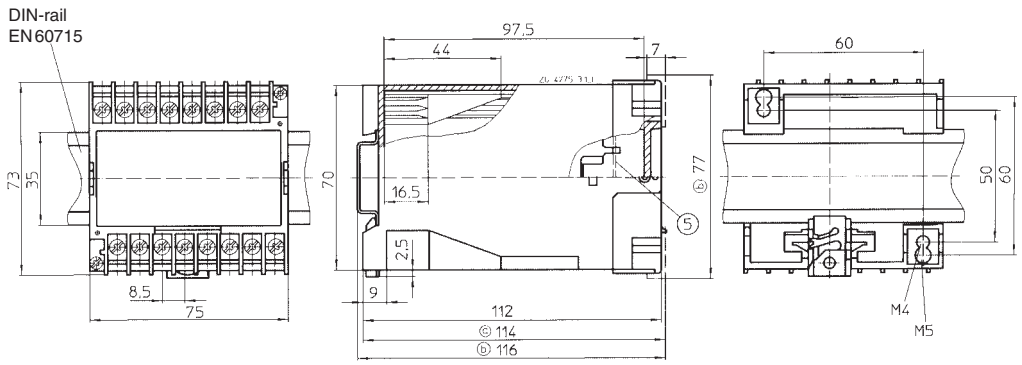
Temperature stability:	PC
complying with UL 746 B:	125 °C
complying with Vicat ISO 306 Meth. B:	148 °C
complying with ISO 75-2 Meth. A:	138 °C
Meth. B:	144 °C

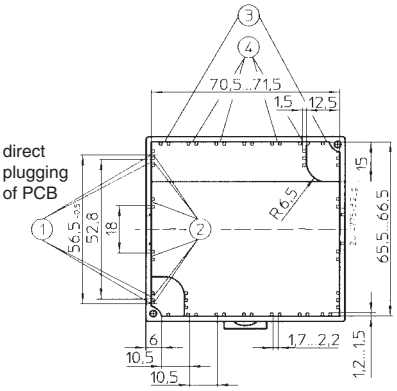
Max. permitted power dissipation: at normal climate 23 / 50-1 ISO 554

Enclosure gap	max. power dissipation P_V
0 ... ∞ mm	20 W

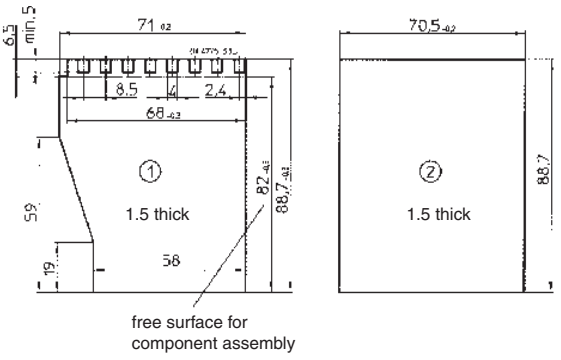
Flame retardancy complying with UL 94:	V-0
complying with IEC 60707:	BH 2-30
Number of terminals:	16, < 16 on request
Terminal material:	CuSn6, fire tin-plated
Max. cross section for connection:	2 x 2.5 mm² solid or 2 x 1.5 mm² stranded ferruled DIN 46228-1/-2/-3/-4
Insulation of wires length:	10 mm
Max. contact resistance to printed circuit board:	10 mΩ } ≙ 1 W / terminal (Power dissipation)
Max. current carrying capacity:	10 A }
Wire fastening:	Plus-minus-terminal screws M3.5, with self-raising terminal washers or faston connector on request
Torque:	max. 0.8 Nm
Inner connection:	Direct plugging of printed circuit board (numbered inside) or soldered connection for sleeve B 2.8 complying with DIN 46247-1
Enclosure fastener:	1) Snap-on fastener on top hat rail EN 60715 2) Screw fixing 2.1) Distance between M4-screws 35 x 50 2.2) Distance between M5-screws 35 x 60
Kriechstromfestigkeit	
PC:	CTI 175 ≙ insulating material III a IEC 60664-1
PC:	CTI 450 ≙ insulating material II IEC 60664-1
Air gap and creepage distance:	≥ 4.0 mm IEC 60664-1
Type of protection	IEC 60529
Enclosure:	IP 40
Terminal board:	IP 10 (with terminal cover IP 20 and contact protection complies with VBG 4)
Print area:	68 x 36 mm
Printed circuit board:	see printed circuit design 1) * - 53 cm² 2) * - 58.5 cm² 3) * - 52.5 cm² 4) * - 53.5 cm² 5) * - 30.3 cm² * see drawing on the back
Printed circuit board holder:	Guide ribs on the small side
Accessories:	
K70/75-0-3:	Terminal cover
K70-150-0-48:	Blanking plug for part insertion
K70/150-0-69:	spacer for PCB coding

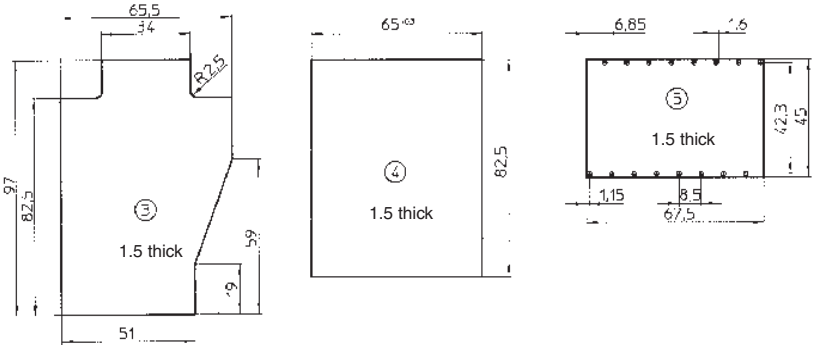
Dimensions





Printed circuit board design





Accessories