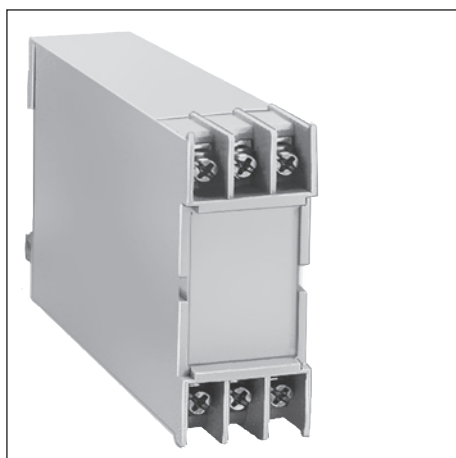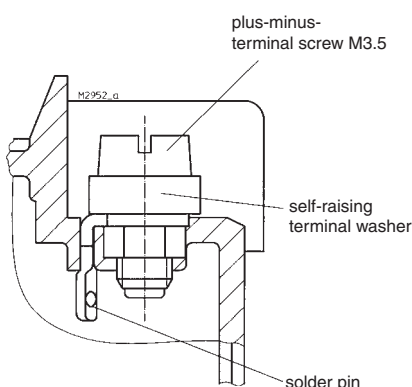# Insulated Enclosure K70/032.5A
with flat terminals
for solder connection

- Width 32.5 mm
- Max. 6 plus-minus-terminal screws with self raising terminal wahsers
- Mounting facility for screw-mounting of a PCB
- Terminal cover for contact protection complies with VBG 4 as option

plus-minus-terminal screw M3.5

self-raising terminal washer

solder pin

Flat terminal for soldered connection

Technical Data

Order reference:	K70/032.5A.101 112-6
Outer dimensions:	32.5 x 73 x 114 mm
with cover:	32.5 x 77 x 114 mm
Enclosure material:	PC-GF light grey RAL 7035

Temperature stability	PC
complying with UL 746 B:	125 °C
complying with Vicat ISO 306　　Meth. B:	148 °C
nach 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	6 W
16 mm	10 W
∞	12 W

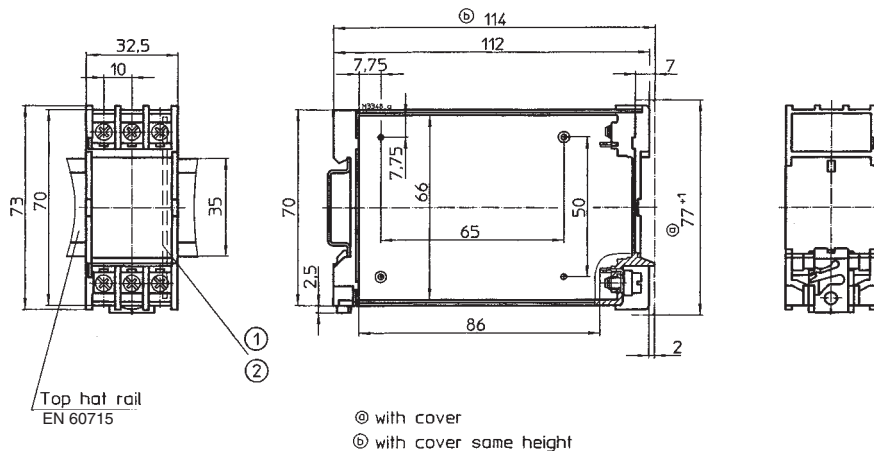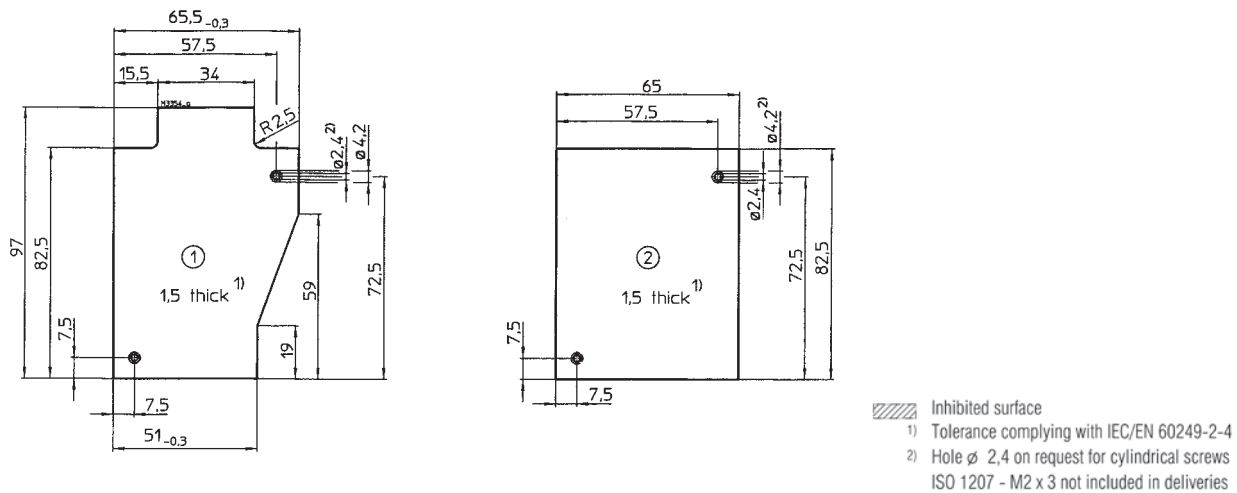|		
Flame retardancy complying with UL 94:	V-0	
complying with EN 60707:	BH 2-30	
Number of terminals:	6, < 6 on request	
Terminal material:	Brass strip, tin-plated	
Max. cross section for connection:	2 x 2.5 mm² solid or 2 x 1.5 mm² stranded ferruled	DIN 46228-1/-2/-3/-4
Insulation of wires length:	10 mm	
Max. current carrying capacity:	25 A	
Wire fastening:	lus-minus-terminal screws M3.5, mit with raising terminal washers or faston connector on request	
Torque:	max. 0.8 Nm	
Inner Connection:	Solder connection resp. male conntector for sleeve B 2.8 complying with	DIN 46247-1
Enclosure fastener:	Snap-on fastener on top hat rail	EN 60715
Special version:	screw fixing with Doldfix K70/032.5-0-2	
Creepage current resistance: PC:	CTI 175 ≙ insulating material III a	IEC 60664-1
Air gap and creepage distance:	≥ 6.3 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:	28 x 35.5 mm	
Printed circuit board:	see Printed circuit design	
Printed circuit board holder:	two screw fixings M2 x 4	

Accessories:

K70/032-0-8:	Terminal cover
K70-150-0-48:	Blanking plug for part insertion

Dimensions

Top hat rail
EN 60715

ⓐ with cover
ⓑ with cover same height

Printed circuit board design

▨▨▨ Inhibited surface
1) Tolerance complying with IEC/EN 60249-2-4
2) Hole ∅ 2,4 on request for cylindrical screws
ISO 1207 - M2 x 3 not included in deliveries

Terminal cover