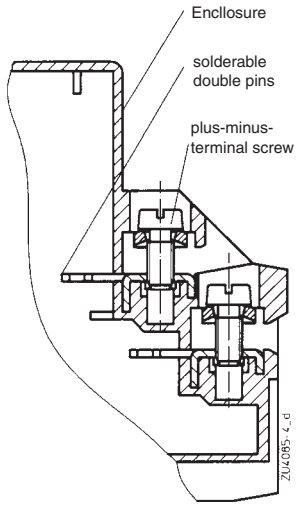
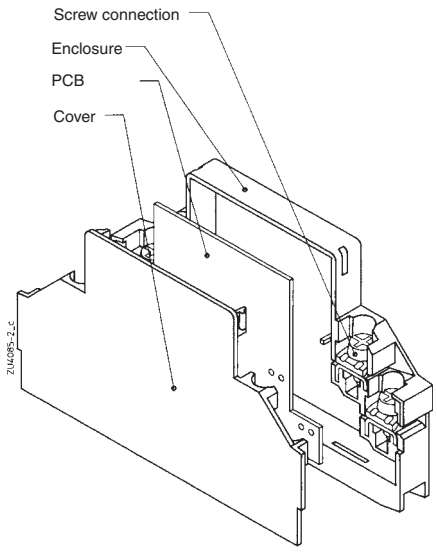
Insulated Enclosure KU 4085

to DIN 43 880 for installation in distribution cabinets or surface mounting

- Width 8.8 mm
- With 4 plus-minus terminal screws
- Assembly onto printed circuit board on one level
- With solderable double pins



Flat terminal for solder connection



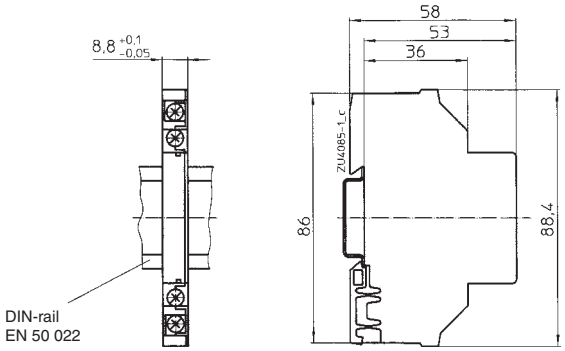
Technical Data

Order reference:	KU 4085.008.04.01	
Outer dimensions:	8.8 x 89 x 58 mm	
Enclosure material:	PC - GF, light grey RAL 7035	

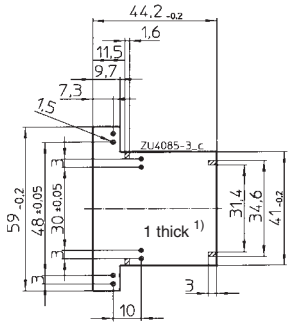
Temperature stability		
complying with UL 746 B:		125 °C
complying with Vicat ISO 306	Meth. B:	148 °C
complying with ISO 75-2	Meth. A:	138 °C
	Meth. B:	144 °C

Max. permitted power dissipation:	2 W at normal climate 23/50-1 Enclosure gap 0 mm	ISO 554
Specific thermal resistance:	R_{th} = 55 K / W	
Flame retardancy complying with UL 94: complying with IEC 60 707:	 V-0 BH 2-30	
Number of terminals:	4	
Terminal material:	Steel strip, tin-plated	
Max. cross section for connection:	2 x 2.5 mm² solid 2 x 1.5 mm² stranded ferruled max. 2 x 0,75 mm² stranded ferruled	 DIN 46 228-1/-2/-3/-4 DIN 46 228-4
Min. cross section for connection:	0,5 mm² solid or stranded ferruled	
Insulation of wires length:	10 mm	
Max. contact resistance to printed circuit board:	10 mΩ	
Max. current carrying capacitiy:	16 A	
Wire fastening:	Captive plus-minus-terminal screws M3.5 with self raising terminal washers. Function complying with IEC 60 999-1	
Torque:	max. 0.8 Nm	
Inner connection:	Solderable double pins per screw terminal for printed circuit board	
Enclosure fastener:	1) Snap-on fastener on top hat rail	EN 50 022
Creepage current resistance:	CTI 175 ≙ insulating material III a	IEC 60 664-1
Air gap and creepage distances:	≥ 5.5 mm	IEC 60 664-1
Type of protection Enclosure: Terminals:	 IP 40 IP 20 Contact protection complies with VBG 4	 IEC 60 529 IEC 60 529
Print area:	8.8 x 44 mm	
Printed circuit board:	See printed circuit board design	
Printed circuit board holder:	Mounts in enclosure	

Dimension drawing



Printed circuit board design



both sides
free of components

1) Tolerance complying with IEC 60 249-2-4

Internal connection