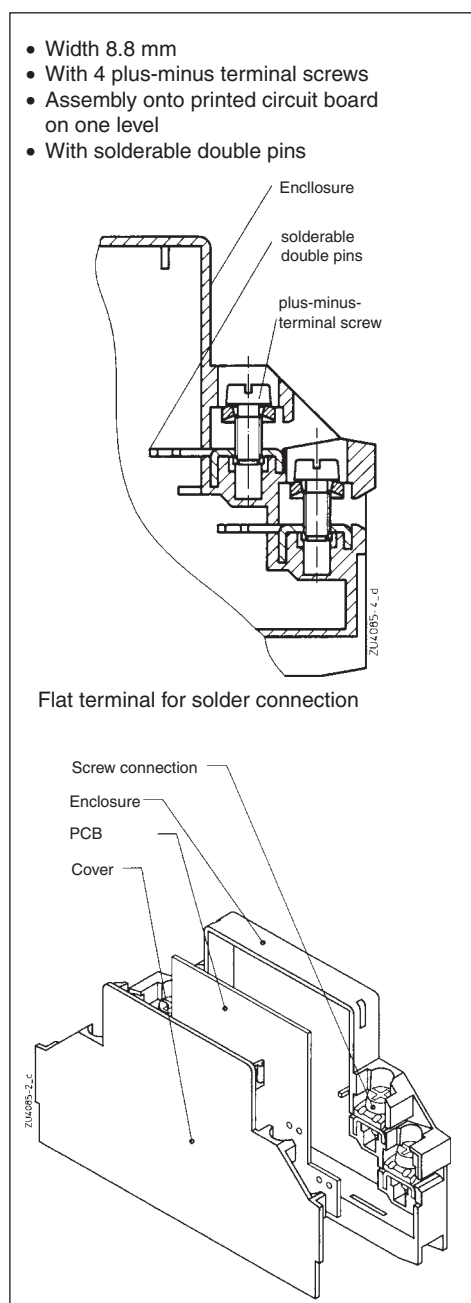
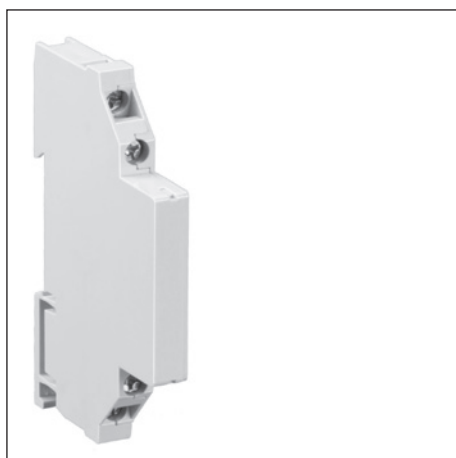


Insulated Enclosure KU 4085

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



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: $R_{th} = 55 \text{ K / W}$

Flame retardancy
 complying with UL 94: V-0
 complying with IEC 60 707: 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 DIN 46 228-1/-2/-3/-4
 max. 2 x 0,75 mm² stranded ferruled 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 capacity: 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

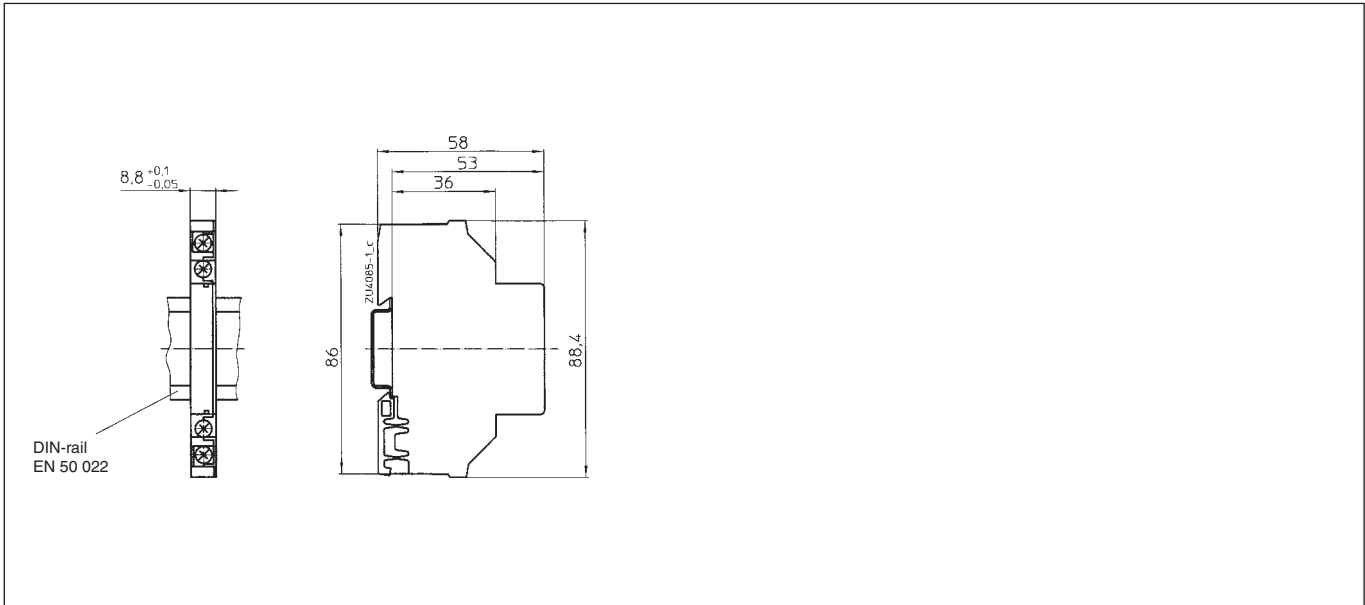
Enclosure: IP 40 IEC 60 529
 Terminals: IP 20 IEC 60 529
 Contact protection complies with VBG 4

Print area: 8.8 x 44 mm

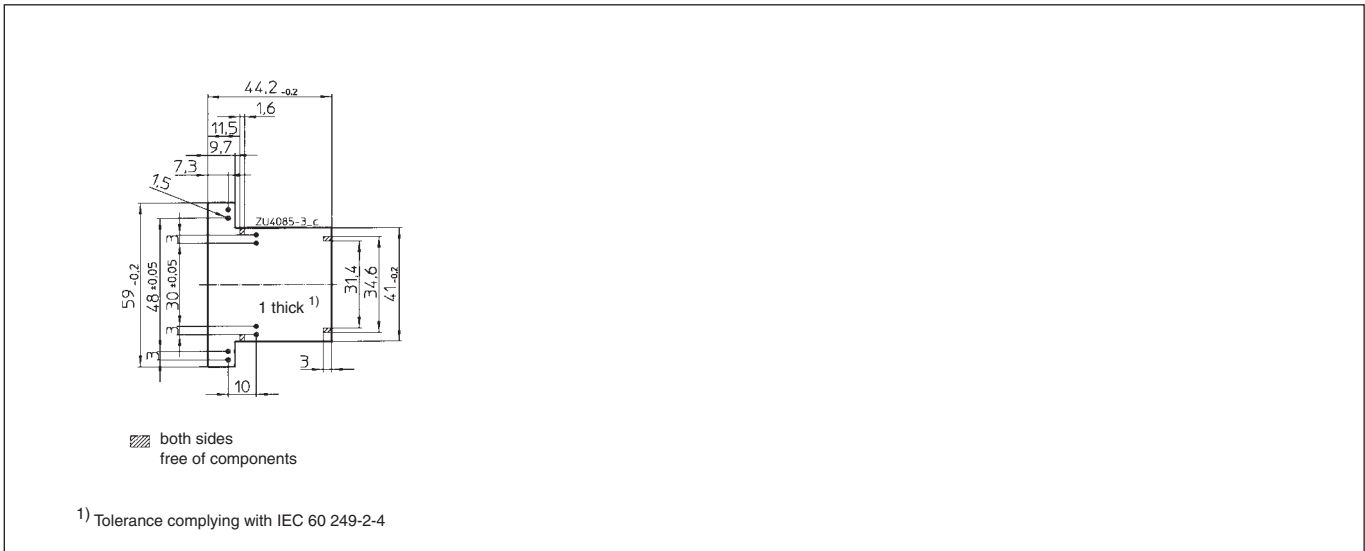
Printed circuit board: See printed circuit board design

Printed circuit board holder: Mounts in enclosure

Dimension drawing



Printed circuit board design



Internal connection

