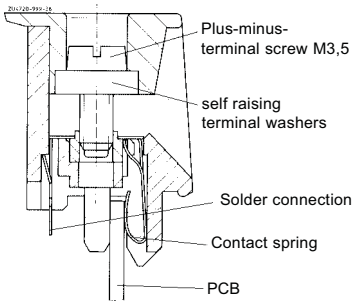
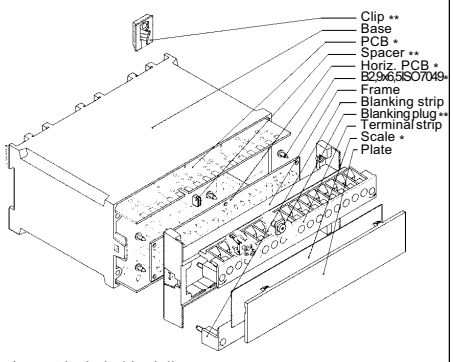
Insulated Enclosure KO 4719

with flat terminals
for plug-in technology

- Width 152 mm
- Max. 32 flat terminals with high torque captive plus-minus-terminal screws
- With removable terminal strip
- Optionally with Blanking strips
- PCBs are easy to install because of guideing ribs
- Optionally with changeable plate



Flat terminal for plug-in technology



* not included in delivery
** see Accessories

Technical Data

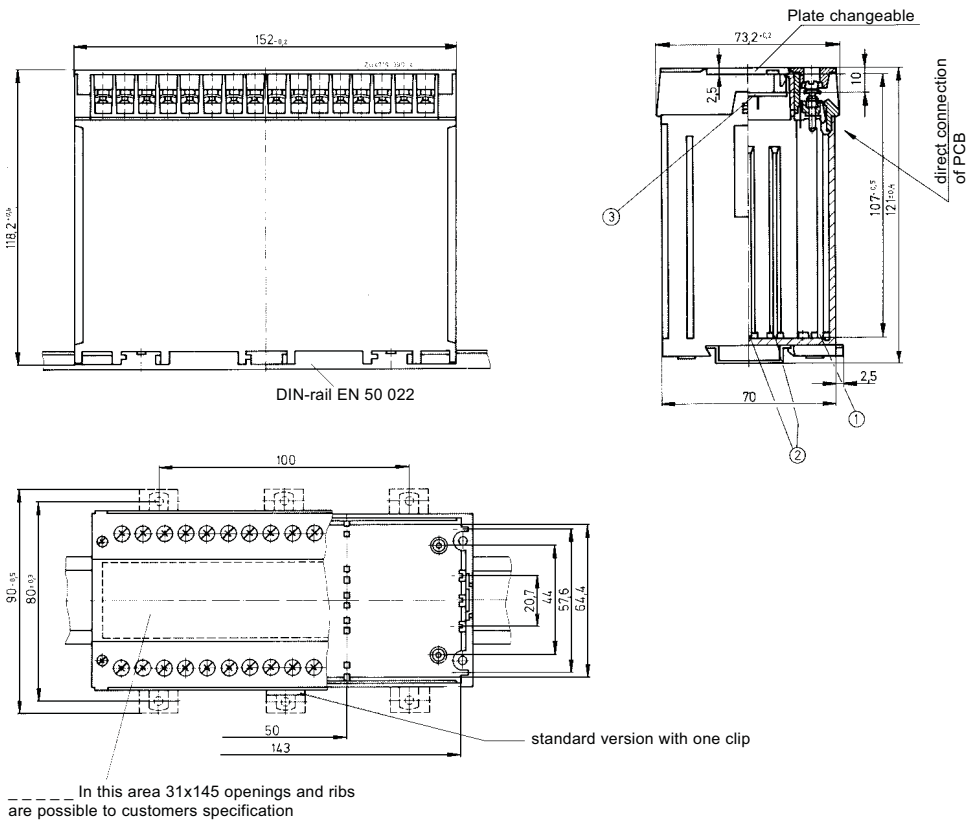
Order references:

front colour	beige	grey RAL 7035	blue RAL 5015	Enclosure version with
KO 4719.118.32.01	.001	.008	.013	front plate
KO 4719.118.32.01	.006	.012	.011	platte
KO 4719.118.32.01	.007	.015	.016	plate clear

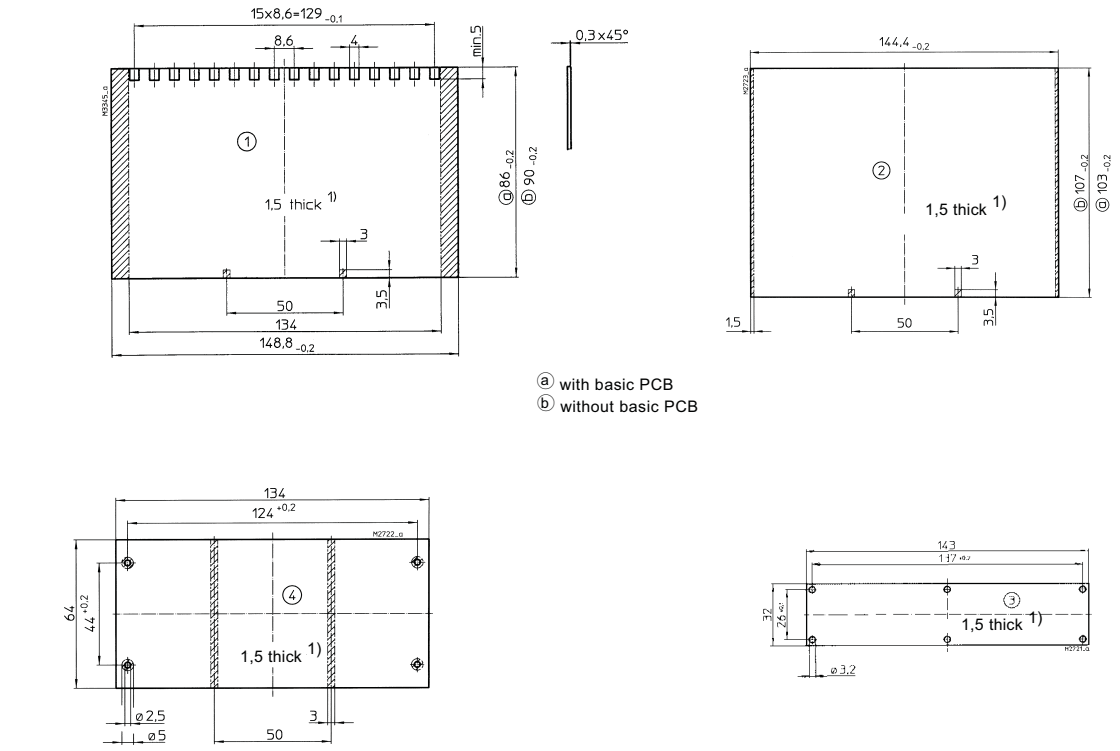
Outer dimensions:		152 x 73,2 x 118,2 mm
Enclosure material:		PC-GF, base black, front colour see table
Temperature stability:		
complying with UL 746 B:		125 °C
complying with Vicat ISO 306	Meth. B:	148 °C
complying with ISO 75-2	Meth. A:	138 °C
	Meth. B:	144 °C
Max. permitted power dissipation:		35 W for stand-alone enclosure at normal climate 23/50-1 ISO 554
Specific thermal resistance:		R_{th} = 3 K / W for stand-alone enclosure
Flame retardancy:		
complying with UL 94:		V-0; Plate clear = V-2
complying with IEC 60 707:		BH 2-30
Number of terminals:		32, < 32 on request
Terminal material:		CuSn6 tin-plated
Max. cross section for conneciton:		2 x 2,5 mm² solid 2 x 1,5 mm² stranded ferruled DIN 46 228-1/-2/-3/-4
Max. contact resistance to printed circuit board:		10 mΩ
Max. current carrying capacity:		10 A
Wire fastening:		captive plus-minus terminal screws M3,5 with self raising terminal washers, terminal strip can be removable separately
Inner connection:		Direct connection on PCB, solder connection possible
Enclosure fastener:		1) Snap-on fastener on top hat rail EN 50 022 2) Screw fixing M4, grid 80 mm
Creepage current resistance:		CTI 175 ≙ insulated material III a IEC 60 664-1
Air gap and creepage distance:		≥ 4 mm IEC 60 664-1
Type of protection:		Enclosure IP 40 IEC 60 529 Terminals IP 20 IEC 60 529 contact protection complies with VGB 4
Beschriftungsfeld:		33 x 152 mm (on front plate)
Printed circuit board:		see printed circuit design
Printed circuit board holder:		Guide ribs on the small side and on the enclosure bottom for 5 PCBs
Net weight:		approx. 350 g
Accessories:		
ET 4720-1-2:		2 clips for screw fixing
ET 4720-0-60:		Spacer for PCB coding
K70/150-0-48:		Blanking plug
KO 4719-3.2:		Blanking strip beige
KO 4719-3.3:		Blanking strip grey
KO 4719-3.4:		Blanking strip blue

All specifications correspond to the technology used at time of publication.
We reserve the right to make improvements and changes of a technical naturre at any time.

Dimensions

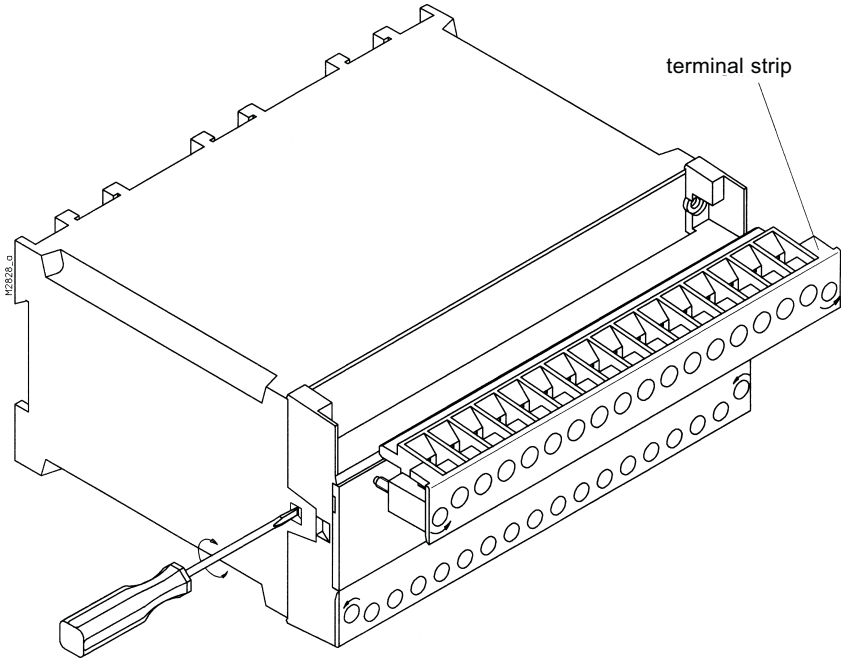


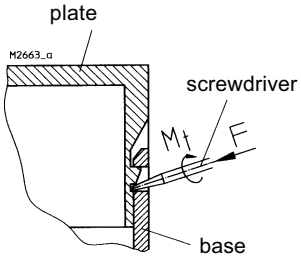
Printed circuit board designs



Notes on Housing Opening

To remove the front plate first unscrew the terminal strips fixing screws and lift off the terminal strips.





To remove front-frame insert an 0,86 x 4,5 ISO 2380-1 screwdriver into the side recess, on the hood, and turn lightly to the left or right until the snap-in lug disengages. Repeat in the opposite side.