

Insulated enclosure, HxWxD=160x100x100mm, +mounting rail

Part no. Article no. CI-K2-100-TS 206882



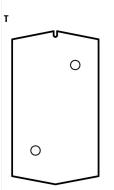
Delivery program

Notes		
Features		With mounting rail to IEC/EN 60715
Enclosure depth Enclosure depth Mounting depth for mounting rail 7.5 mm height	mm	
Legend for the graphic		Dimensions from top: Mounting depth with mounting plate Mounting depth for mounting rail 7.5 mm height Mounting depth for mounting rail 15 mm height
Enclosure depth		
Dimensions	mm	
Depth	mm	100
Height	mm	160
Width	mm	100
Dimensions		r ush unough cable enu y ulapin agin
Description Cable entry		Metric cable entry knockouts top, bottom and in the back plate Control cable entry Lamp indicator L can be mounted in base knock-out M20/M25 Push-through cable entry diaphragm
Colour		Enclosure base RAL 9005, black Operator only RAL 7035, light gray
Material		IP65, with push-through cable entry Glass-fibre reinforced polycarbonate
Degree of Protection		IP65, with push-through cable entry Front IP65
Single unit/Complete unit Degree of Protection		Single unit Front IP65
Product function		CI-K empty enclosures
Basic function		Basic enclosures
Product range		CI-K small enclosures



Knockouts

2 X M25 or push-through membrane up to max. $^{
otom}$ 16 mm



Back plate:

2 x push-through membrane up to max. D 11mm (not for CI-K2H)

Technical data

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General		
Standards		IEC/EN 60529 DIN EN 62208
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature	°C	-25 - +70 -25 - +40 (with push-through cable entry)
Degree of Protection		Front IP65 IP65, with push-through cable entry
Power loss		
Max. radiated heat dissipation with separate mounting, ambient air temperature +20 $^{\circ}\mathrm{C}$	W	12.5
Material characteristics		
Material		
Base		Glass-fibre reinforced polycarbonate
Cover		Glass-fibre reinforced polycarbonate
Surface treatment		Resistant to corrosion
Colour		
Base		RAL 9005, black (matt)
Housing body		Enclosure cover RAL 7035, light grey (matt)
Material properties		
Electrical		
Track resistance		CTI 175 (base, to IEC 60112) CTI 175 (cover, to IEC 60112)
Surface resistance to IEC 60093	$\Omega \times 10^{13}$	1
Dielectric strength to IEC 60243-1	kV/mm	30
Thermal		
Temperature resistant		-40 °C - 120 °C (enclosure) -40 °C - +80 °C (gasket)
Mechanical		
Impact resistance		IK06 according to EN 50102
max. assembly weights		
Mounting plate	kg	0.7
Mounting rail	kg	0.7
Chemical resistance		
Chemical resistant		Base, Cover Resistant against: Acids < 10 %, mineral oil, alcohol, gasoline, greases, salt solutions Partly resistant to: Acids > 10 %, alcohol Not resistant to: alkalis, benzene Push-through membrane (CI-K1/CI-K2) and sealing material Resistant against: Acids < 10 %, alkalis, benzene, salt solutions Partly resistant to: Acids > 10 %, greases, benzene

Knockouts 2 x M25 or push-through membrane up to a max. diameter of 16 mm and 1 push-through membrane up to a max. diameter of 8 mm

		Not resistant to: Mineral oil, benzene
Atmospheric		
Saline spray		IEC 60068-2-11
UV resistance		Beneath protective shield
Water consumption to DIN EN ISO 62	%	0.29
Flammability characteristics		
Glow wire test		
Flammability characteristics		960 °C/1mm thickness (base, cover; glow wire to VDE 0471 Part 2) 650 °C/1mm thick (push-through membrane and seal material) to VDE 0471 Part 2)
to UL 94		VO/1.5 mm thickness
to UL 94		НВ
Halogen free		Yes

Design verification as per IEC/EN 61439

Operating ambient temperature and. 1 -5 Operating ambient temperature and. 1 -6 70 Degree of Protection Four IPS5 IPE5, with path-transpic cable entry Remarkably characteristics 300 °C1mm thickness these, cover glow wire to VDE SMT Part 2) Particular Status 300 °C1mm thickness these, cover glow wire to VDE SMT Part 2) Tack resistance 300 °C1mm thickness these, cover glow wire to VDE SMT Part 2) Surface transment IPE Set 100 Part 100 Part 2) Tack resistance 400 °C 200 °C1mm thickness these, cover glow wire to VDE SMT Part 2) UV resistance IPE Set 100 Part 2) UV resistance IPE Set 100 Part 2) 1022 Strengt on transition and parts IPE Set 100 Part 2) 1022 Strengt on transition and parts IPE Set 100 Part 2) 1022 Strengt on transition and parts IPE Set 100 Part 2) 1022 Strengt on transition and parts IPE Set 100 Part 2) 1022 Strengt on transition and parts IPE Set 100 Part 2) 1022 Strengt on transition and parts IPE Set 100 Part 2) 1022 Strengt on transition and parts IPE Set 100 Part 2) 1022 Strengt on transition and part 2) I	Technical data for design verification		
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	10.12 Electromagnetic compatibility		
	10.13 Mechanical function		

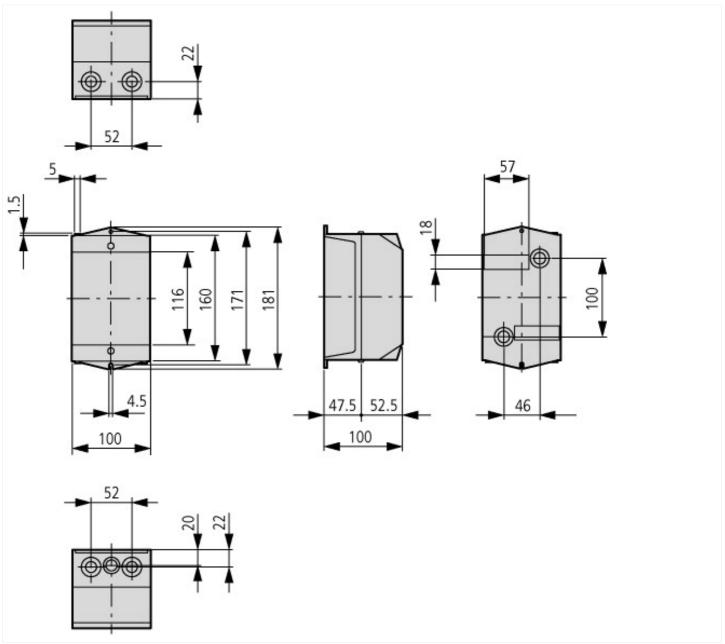
Technical data ETIM 6.0

Low-voltage industrial components (EG000017) / Empty enclosure for switchgear (EC000712)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Empty housing for switch devices (ecl@ss8.1-27-37-13-01 [AKN343011])

Material housing			Plastic
Width	r	nm	100
Height	r	mm	160
Depth	r	nm	100
With transparent cover			No
Suitable for emergency stop			Yes
Model			Surface mounting
Degree of protection (IP)			IP65

Dimensions



Additional product information (links)

IL01502081Z (AWA3210-1735) Insulated small enclosures

IL01502081Z (AWA3210-1735) Insulated small ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01502081Z2015_11.pdf enclosures