DATASHEET - CI-K1-95-TS



Insulated enclosure, HxWxD=120x80x95mm, +mounting rail



CI-K1-95-TS Part no. Catalog No. 206881

EL-Nummer (Norway)

4138000

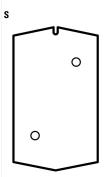
Delivery program

Delivery program		
Product range		CI-K small enclosures
Basic function		Basic enclosures
Product function		CI-K empty enclosures
Single unit/Complete unit		Single unit
Degree of Protection		Front IP65 IP65, with push-through cable entry
Degree of Protection		Front IP65 IP65, with push-through cable entry
Material		Glass-fibre reinforced polycarbonate
Colour		Enclosure base RAL 9005, black Operator only RAL 7035, light gray
Description		Metric cable entry knockouts top, bottom and in the back plate Push-through cable entry diaphragm Lamp indicator L can be mounted in base knock-out M20/M25
Cable entry		Push-through cable entry diaphragm
Dimensions		
Width	mm	80
Height	mm	120
Depth	mm	95
Dimensions	mm	\$0 \$120 \$0 \$0 \$120 \$120 \$120 \$120 \$120 \$
Enclosure depth		
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	mm	95
Mounting depth for mounting rail 7.5 mm height	mm	72
Features		With mounting rail to IEC/EN 60715

Notes



Knockouts 2 X M20 or push-through membrane up to max. \varnothing 12 mm



Standards

Back plate: 2 x push-through membrane up to max. \varnothing 8mm

Technical data General

Standards		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 $^{\circ}\text{C}$	W	10
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		IK04 according to EN 50102
max. assembly weights		
Mounting plate	kg	0.5
Mounting rail	kg	0.5
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 (Cl-K1/Cl-K2) and sealing material Resistant against: Acids < 10 %, alkalis, benzene, salt solutions Partly resistant to: Acids > 10 %, greases, benzene 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		

IEC/EN 60529

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	V0/1.5 mm thickness
to UL 94	нв
Halogen free	Yes

Design verification as per IEC/EN 61439

Operating ambient temperature min. Operating ambient temperature max. 1°C 75 Degree of Protection Mex. radiacted heat dissipation with separate mounting, ambient air memperature v20 1°C Flammability characteristics Sea "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o, cover; glow were to VDE 0471 Part 2) 600 "C/I mm thickness (base, o,	Design vernication as per IEG/EN 01455		
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Track resistance CTI 175 (base, to IEC 60112) Surface treatment Resistance CTI 175 (base, to IEC 60112) Surface treatment Resistance Resistance IKO4 according to EN 50102 Temperature resistance IKO4 according to EN 50102 Temperature resistance Resis		W	10
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10.10 Temperature rise The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must b observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must b observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.9.3 Impulse withstand voltage		Is the panel builder's responsibility.
provide heat dissipation data for the devices. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must b observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must b observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.9.4 Testing of enclosures made of insulating material		Meets the product standard's requirements.
observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must b observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.10 Temperature rise		
observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	10.11 Short-circuit rating		Is the panel builder's responsibility. The specifications for the switchgear must be observed.
	10.12 Electromagnetic compatibility		Is the panel builder's responsibility. The specifications for the switchgear must be observed.
	10.13 Mechanical function		

Technical data ETIM 8.0

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 (eci@ss10.0.1-27-37-13-01 [AKN343014])

(ecl@ss10.0.1-27-37-13-01 [AKN343014])		
Material housing		Plastic
Width	mm	80

Height	mm	95
Depth	mm	137
With transparent cover		No
Suitable for emergency stop		Yes
Model		Surface mounting
Degree of protection (IP)		IP65
Degree of protection (NEMA)		Other

Dimensions

