DATASHEET - CI-K3-160-TS



Insulated enclosure, HxWxD=200x120x160mm, +mounting rail



EL-Nummer

(Norway)

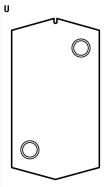
CI-K3-160-TS 206885

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Delivery program

Exclosure depth Immensions from top: Mounting depth for mounting rail 15 mm height Exclosure depth Immensions from top: Mounting depth for mounting rail 15 mm height Exclosure depth Immensions from top: Mounting depth for mounting rail 15 mm height Exclosure depth Immensions from top: Mounting depth for mounting rail 15 mm height Mounting depth for mounting rail 15 mm height Immensions from top: Mounting depth for mounting rail 15 mm height Mounting depth for mounting rail 15 mm height Immensions from top: Mounting depth for mounting rail 15 mm height Mounting depth for mounting rail 15 mm height Immensions from top: Mounting depth for mounting rail 15 mm height Mounting depth for mounting rail 75 mm height mm Immensions from top: Mounting depth for mounting rail 15 mm height Mounting depth for mounting rail 75 mm height mm Immensions from top: Mounting depth for mounting rail 15 mm height Notest mm Immensions from top: Mounting depth for mounting rail to IEC/EN 80715 Notest Mmensions from top: Mounting depth for mounting rail to IEC/EN 80715 Notest Knockouts	Delivery program		
Product function Production Single unit Competer unit Single unit Competer unit Degree of Protoction Fig. with public through calle unity Degree of Protoction Fig. with public through calle unity Degree of Protoction Fig. with public through calle unity Description Fig. with public through calle unity Obinencians Fig. with public through calle unity Object Fig. with public through calle unity	Product range		CI-K small enclosures
Single unit Complete and Comple	Basic function		Basic enclosures
Bagee of Protection Degree of Protection Front P65 Why high sub-through cable entry Front P65 Front P65 Fr	Product function		CI-K empty enclosures
 	Single unit/Complete unit		Single unit
Image: Section Provide and Provid	Degree of Protection		
Colur Indicate base RAL 508, black Dependence of VAL 2008, black D	Degree of Protection		
Description Image: Control of ALX 2005, light gay Description Matric solide stripty, laston and in the back plate Control solite stripty, laston and laston and plate Control solite stripty, laston and laston and back plate Control solite stripty, laston and last	Material		
Carbon ending and particular set of the set of	Colour		
Dimensions Image: Section (Section (S	Description		Control cable entry
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Exclosure depth Image: Strom top: Strom to	Depth	mn	n 160
Inclosure depth Mounting depth with mounting pait Mounting depth for mounting rail 7.5 mm height Mounting depth for mounting rail 7.5 mm height Inclosure depth mm Inclosure depth Image: The transmission of transmissi transmissi transmission of transmissi transmission of	Dimensions	mr	
Image: Constrained on the second on the s	Enclosure depth		
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Features With mounting rail to IEC/EN 60715 Notes N N N N N N N N N N N N N	Enclosure depth	m	
Notes N R Nockouts Knockouts	Mounting depth for mounting rail 7.5 mm height	mn	n 128
N R Knockouts Knockouts	Features		With mounting rail to IEC/EN 60715
2 x M25/20 2 x M25/20 1 x M20		(Knoc 2 x M	125/20



Back plate: 2 x M25/20

Technical data

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	25.5
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	0.85
Mounting rail	kg	0.85
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 Not resistant to: Mineral oil, benzene
Atmospheric		
Saline spray		IEC 60068-2-11
UV resistance		Beneath protective shield

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) to VDE 0471 Part 2)
to UL 94	VO/1.5 mm thickness
to UL 94	HB
Halogen free	Yes

Design verification as per IEC/EN 61439

Technical data for design verification In A 0 Rated operational current for specified heat dissipation In A 0 Heat dissipation per pole, current-dependent Pvid W 0 Equipment heat dissipation, current-dependent Pvid W 0 Static heat dissipation, non-current-dependent Pvs W 0	
Heat dissipation, current-dependent Pvid W Pvid W	
Equipment heat dissipation, current-dependent P _{vid} W 0	
Static heat dissination non-current-dependent P W/ 0	
Heat dissipation capacity P _{diss} W 25.5	
Operating ambient temperature min. °C -25	
Operating ambient temperature max. °C 70	
Degree of Protection Front IP65 IP65, with push-through cable entry	
Max. radiated heat dissipation with separate mounting, ambient air W 25.5 temperature +20 °C	
Flammability characteristics 960 °C/1mm thickness (base, cover; glow win 650 °C/1mm thick (push-through membrane)	
Track resistance CTI 175 (base, to IEC 60112) CTI 175 (cover, to IEC 60112)	
Surface treatment Resistant to corrosion	
Impact resistance IK06 according to EN 50102	
Temperature resistant -40 °C - 120 °C (enclosure) -40 °C - +80 °C (gasket)	
UV resistance Beneath protective shield	
IEC/EN 61439 design verification	
10.2 Strength of materials and parts	
10.2.2 Corrosion resistance Meets the product standard's requirements.	
10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements.	i.
10.2.3.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements.	
10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects	
10.2.4 Resistance to ultra-violet (UV) radiation Please enquire	
10.2.5 Lifting Not applicable.	
10.2.6 Mechanical impact Does not apply, since the entire switchgear	needs to be evaluated.
10.2.7 Inscriptions Meets the product standard's requirements.	
10.3 Degree of protection of ASSEMBLIES Meets the product standard's requirements.	í.
10.4 Clearances and creepage distances Meets the product standard's requirements.	
10.5 Protection against electric shock Does not apply, since the entire switchgear	needs to be evaluated.
10.6 Incorporation of switching devices and components Does not apply, since the entire switchgear	needs to be evaluated.
10.7 Internal electrical circuits and connections Is the panel builder's responsibility.	
10.8 Connections for external conductors Is the panel builder's responsibility.	
10.9 Insulation properties	
10.9.2 Power-frequency electric strength Is the panel builder's responsibility.	
10.9.3 Impulse withstand voltage	
10.9.4 Testing of enclosures made of insulating material Meets the product standard's requirements.	<i>i</i> .
10.10 Temperature rise The panel builder is responsible for the temp provide heat dissipation data for the devices	
10.11 Short-circuit rating Is the panel builder's responsibility. The spec	cifications for the switchgear must be
10.12 Electromagnetic compatibility Is the panel builder's responsibility. The spen observed.	cifications for the switchgear must be
10.13 Mechanical function The device meets the requirements, provide leaflet (IL) is observed.	ed the information in the instruction

Technical data ETIM 7.0

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

Widthmm10Heightmm20Depthmm60With transparent coverMm60Suitable for emergency stopMmFeeModelMmSurface mountingDegree of IPOMmFeeMarkSurface mountingMarkMmFeeMarkMmSurface mountingMarkMmMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMarkMmMark<			
Heightnm200Depthnm60With transparent coverMm60Suitable for emergency stopMmVaModelMmSuiface mountingDegree of protection (IP)MmImage: Same and Same a	Material housing		Plastic
Depth mm 60 With transparent cover Imm 60 Suitable for emergency stop Imm No Model Imm Surface mounting Degree of protection (IP) Imm Imm	Width	mr	mm 120
With transparent cover No Suitable for emergency stop Ves Model Suiface mounting Degree of protection (IP) Image: State Sta	Height	mn	mm 200
Suitable for emergency stop Yes Model Suiface mounting Degree of protection (IP) Image: State Stat	Depth	mr	mm 160
Model Surface mounting Degree of protection (IP) IP65	With transparent cover		No
Degree of protection (IP)	Suitable for emergency stop		Yes
	Model		Surface mounting
Degree of protection (NEMA) Other	Degree of protection (IP)		IP65
	Degree of protection (NEMA)		Other

Dimensions

