# **DATASHEET - CI-K4-T5B-4**



#### Insulated enclosure, HxWxD=240x160x125mm, for T5B-4

Part no. CI-K4-T5B-4 Catalog No. 207440

EL-Nummer (Norway) 0001456959



# **Delivery program**

Basic function	insulated enclosure
	with an additional terminal with metric knock-outs
For use with	T5B/Z
For use with	3 - 4 contact units
Degree of Protection	IP65
Notes 1 contact unit = 2 contacts	

## **Design verification as per IEC/EN 61439**

Design verification as per IEC/EN 61439			
Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	0
Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0
Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	0
Static heat dissipation, non-current-dependent	$P_{vs}$	W	0
Heat dissipation capacity	P <sub>diss</sub>	W	29.5
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	40
Max. radiated heat dissipation with separate mounting, ambient air temperature +20 $^{\circ}\text{C}$		W	29.5
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.
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			Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
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			Does not apply, since the entire switchgear needs to be evaluated.
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			Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material			Is the panel builder's responsibility.
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 be observed.
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switch gear must be observed. $\label{eq:specification}$
10.13 Mechanical function			The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

#### **Technical data ETIM 7.0**

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

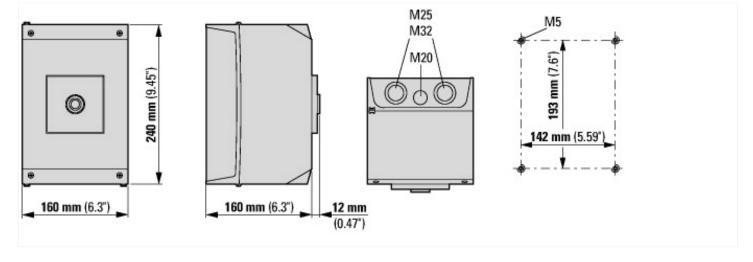
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Empty housing for switch devices (ecl@ss10.0.1-27-37-13-01 [AKN343014])

Width         mm         160           Height         mm         240           Depth         mm         125           With transparent cover         No           Suitable for emergency stop         No	(CCI @ 3310.0.1 27 07 10 01 [AIN 10 00 1 7])	
Height mm 240  Depth mm 125  With transparent cover No Suitable for emergency stop No	Material housing	Plastic
Depth mm 125 With transparent cover No Suitable for emergency stop No	Width	mm 160
With transparent cover No Suitable for emergency stop No	Height	mm 240
Suitable for emergency stop No	Depth	mm 125
	With transparent cover	No
	Suitable for emergency stop	No
Model Surface mounting	Model	Surface mounting
Degree of protection (IP)	Degree of protection (IP)	IP65
Degree of protection (NEMA) Other	Degree of protection (NEMA)	Other

# **Approvals**

Product Standards	UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking
UL File No.	E54120
UL Category Control No.	MITW2
CSA File No.	12528
CSA Class No.	3211-07
North America Certification	UL listed, CSA certified
Degree of Protection	IEC: IP65; UL/CSA Type 1, 12

#### **Dimensions**



## **Assets (links)**

**Instruction Leaflets** 

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