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Powering Business Worldwide

CI-K4-T5B-2 - Insulated enclosure, HxWxD=240x160x125mm, for T5B-2



207439 CI-K4-T5B-2

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## 207439 CI-K4-T5B-2

Insulated enclosure, HxWxD=240x160x125mm, for T5B-2

EL-Nummer (Norway)

1456960

Small enclosure, degree of protection IP65, glass-fibre reinforced polycarbonate, enclosure base RAL 9005, black/operator only RAL 7035, light gray, metric cable entry knockouts top, bottom and in the back plate, hard metric cable entry knockouts, control cable entry, indicator light L-. can be mounted in base knock-out M20/M25, for T5-../Z switch, 1-2 contact units

- Delivery program
- Design verification as per IEC/EN 61439
- Technical data ETIM 7.0
- Approvals
- Dimensions

### Delivery program

Basic function  
insulated enclosure  
with metric knock-outs  
For use with  
T5B-../Z  
For use with  
1 - 2 contact units  
Information about equipment supplied  
with an additional PE clamp  
Degree of Protection  
IP65

#### Notes

1 contact unit = 2 contacts

### Design verification as per IEC/EN 61439

Technical data for design verification  
Rated operational current for specified heat dissipation [ $I_r$ ]  
0 A  
Heat dissipation per pole, current-dependent [ $P_{id}$ ]  
0 W  
Equipment heat dissipation, current-dependent [ $P_{id}$ ]  
0 W

Static heat dissipation, non-current-dependent [P<sub>vs</sub>]

0 W

Heat dissipation capacity [P<sub>diss</sub>]

26 W

Operating ambient temperature min.

-25 °C

Operating ambient temperature max.

+40 °C

Max. radiated heat dissipation with separate mounting, ambient air temperature +20 °C

26 W

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 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2 Strength of materials and parts 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 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

10.2 Strength of materials and parts 10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

10.2 Strength of materials and parts 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 Insulation properties 10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

10.9 Insulation properties 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 switchgear must be observed.

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])

Material housing

Plastic

Width

160 mm

Height

240 mm

Depth

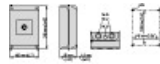
125 mm

With transparent cover  
No  
Suitable for emergency stop  
No  
Model  
Surface mounting  
Degree of protection (IP)  
IP65  
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.  
MTW2  
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



## CAD data

- [Product-specific CAD data](#)  
(Web)
- [3D Preview](#)  
(Web)

## DWG files

- [DA-CD-bauform12\\_n](#)  
File  
(Web)

## edz files

- [DA-CE-ETN.C-K4-T5B-2](#)  
File  
(Web)

## Step files

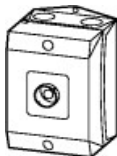
- [DA-CS-bauform12\\_n](#)  
File  
(Web)

## Product photo



• [3210PIC-29](#)  
Photo  
C-K small enclosure

# 3D drawing



1151079  
Line drawing  
Insulated enclosures

# Dimensions single product



1150DIM-201  
Line drawing

# Instruction Leaflet

- [Cam switch: switch-disconnector \(IL03801009Z\)](#)  
Asset  
former AWA1150-1982  
(PDF, 06/2021, multilingual)

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