207440
CI-K4-T5B-4

Overview
Specifications
Resources

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
3 - 4 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_n]
0 A

Heat dissipation per pole, current-dependent [P_{vid}]
0 W

Equipment heat dissipation, current-dependent [P_{vid}]
0 W

Static heat dissipation, non-current-dependent [P_{vs}]
0 W

Heat dissipation capacity [P_{diss}]
29.5 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
29.5 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.
NITW2

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