101452
BBA0-32

Overview
Specifications
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Technical data ETIM 7.0
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Dimensions

DELIVERY PROGRAM

Accessories
Busbar adapters

For fitting to flat Cu-busbars with 60 mm between busbar centres, suitable for 5 mm and 10 mm busbar thickness
Rated operational current 32 A
For DOL Starter

For use with
Busbar adapter PKZ0, PKE

Rated operational voltage [U_e]
690 V

Rated operational current [I_e]
32 A

Terminal capacity
AWG 10
(6 mm²)

Adapter width
45 mm

Adapter length
200 mm

DIN rail
2 Quantity

Adapter width
45 mm

For use with
PKZM0, PKE + DILM(C)17
PKZM0, PKE + DILM(C)25
PKZM0, PKE + DILM(C)32

Notes
In combination with individual components PKZM0, PKE and DILM use electrical contact module PKZM0 XM32DE.
Completely mounted and tested combination with MSC-D...

DESIGN VERIFICATION AS PER IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation [I_n]
32 A

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

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

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

Heat dissipation capacity [P_{diss}]
0 W

Operating ambient temperature min.
-25 °C

Operating ambient temperature max.
+55 °C

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) / Busbar adapter (EC001531)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Busbar trunking system (LV circuitry) / Busbar adapter (low-voltage switching technology) (ecl@ss10.0.1-27-37-03-04 [ACN951011])

Mounting rail armament
2 mounting rails

Type of electric connection
3 conductors AWG 10

Rated current In
32 A

Min. busbar thickness
5 mm

Max. busbar thickness
10 mm

Width of the adapter
45 mm

Rail width
35 mm

Busbar distance
60 mm

APPROVALS

Product Standards
UL 508A; CSA-C22.2 No. 14; IEC60439-1; CE marking

UL File No.
E300273

UL Category Control No.
NMTR; NMTR7

North America Certification
UL listed, certified by UL for use in Canada

Specially designed for North America
No

Max. Voltage Rating
600 V AC

DIMENSIONS