281198 DILM65-XMV

Interlock, mechanical, for DILM40-65

Alternate Catalog No.	XTCEXMLD
EL-Nummer (Norway)	4131886

Interlock, Product range: Accessories, Mechanical interlock, For use with: DILM40 - DILM72, DILMP63 - DILMP80, DILMF40 - DILMF65

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

Delivery program

Product range
Accessories
Accessories
Mechanical interlock
For use with
DILM40 - DILM72
DILMP63 - DILMP80
DILMF40 - DILMF65
For use with
Mechanical interlock for DILM40 up to DILM72 etc.
Notes
For two contactors with AC or DC operation arranged vertically or horizontally

Distance between contactors 0 mm, including contactor connector

Mechanical lifespan 2.5 x 10^6 Operations.

DILM150-XMV including mounting plate for contactor

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}]
0 W
Operating ambient temperature min.
-25 °C
Operating ambient temperature max.
+60 °C
IEC/EN 61439 design verification

10.2 Strength of materials and parts10.2.2 Corrosion resistance
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.1 Verification of thermal stability of enclosures
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.2 Verification of resistance of insulating materials to normal heat
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.3 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 parts10.2.4 Resistance to ultra-violet (UV) radiation
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.5 Lifting
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts10.2.6 Mechanical impact
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts10.2.7 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 properties10.9.2 Power-frequency electric strength
Is the panel builder's responsibility.
10.9 Insulation properties10.9.3 Impulse withstand voltage
Is the panel builder's responsibility.
10.9 Insulation properties10.9.4 Testing of enclosures made of insulating material
Is the panel builder's responsibility.
10.10 Temperature rise
Not applicable.
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) / Accessories for low-voltage switch technology (EC002498)
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Component for low-voltage switch technology (accessories) (ecl@ss10.0.1-27-37-13-92 [AKN570013])
Type of accessory
Mechanical locking

Approvals

Product Standards
IEC/EN 60947-4-1; UL 508; CSA-C22.2 No. 14-05; CE marking
UL File No.
E29096
UL Category Control No.
NLDX
CSA File No.
012528
CSA Class No.
2411-03, 3211-04
North America Certification
UL listed, CSA certified
Specially designed for North America
No

Additional product information

- Motor starters and "Special Purpose Ratings" for the North American market
  (PDF)
- Switchgear of Power Factor Correction Systems
  (PDF)
- X-Start - Modern Switching Installations Efficiently Fitted and Wired Securely
  (PDF)
- Mirror Contacts for Highly-Reliable Information Relating to Safety-Related Control Functions
  (PDF)
- Effect of the Cabel Capacitance of Long Control Cables on the Actuation of Contactors
  (PDF)
- Switchgear for Luminaires
  (PDF)
- Standard Compliant and Functionally Safe Engineering Design with Mechanical Auxiliary Contacts
  (PDF)
- The Interaction of Contactors with PLCs
  (PDF)
- Busbar Component Adapters for modern Industrial control panels
  (PDF)

Product photo

-
  2110PIC-148
  Photo
  Mechanical interlock

Explosion drawing

- 
  210O126
  Line drawing
  Contactor system overview

3D drawing

- 
  210I233
  Line drawing
  FS2, FS3, FS4 mechanical interlock

Instruction Leaflet

- Accessories for Contactors > 170 A (IL03406009Z)
  Asset
  (PDF, 01/2021, multilingual)
- DILM..-XMV Mechanical Interlock (IL03407029Z)
  Asset
  former AWA2100-2128
  (PDF, 07/2019, multilingual)

Standards

- 000Z153
  Logo
  xStart logo

CAD data

edz files

- DA-CE-ETN.DILM65-XMV
  File
  (Web)

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