Select your language

- German
- English
- Spanish
- French
- Dutch
- Italian
- Polish
- Czech
- Russian
- Norwegian Bokmål

Worldwide English

DILM38-10(230V50HZ,240V60HZ) - Contactor, 3 pole, 380 V 400 V 18.5 kW, 1 N/O, 230 V 50 Hz, 240 V 60 Hz, AC operation, Screw terminals

112428 DILM38-10(230V50HZ,240V60HZ)

Overview Specifications Resources

112428 DILM38-10(230V50HZ,240V60HZ)

Contactor, 3 pole, 380 V 400 V 18.5 kW, 1 N/O, 230 V 50 Hz, 240 V 60 Hz, AC operation, Screw terminals

Alternate Catalog No.	XTCE038C10F
EL-Nummer (Norway)	4110204

Contactor, Application: Contactors for Motors, Contactors up to 170 A, 3 pole, Utilization category: AC-1: Non-inductive or slightly inductive loads, resistance furnaces, NAC-3: Normal AC induction motors: starting, switch off during running, AC-4: Normal AC induction motors: starting, plugging, reversing, inching, Connection technique: Screw terminals, Notes: Not suitable for motors with efficiency class IE3., Number of poles: 3 pole, Rated operational current AC-3 380 V 400 V: Ie= 38 A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: Ith =Ie= 45 A, enclosed: Ith= 36 A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: Ith= 100 A, enclosed: Ith= 90 A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 11 kW, 380 V 400 V: P= 18.5 kW, 660 V 690 V: P= 21 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 4 kW, 380 V 400 V: P= 7 kW, 660 V 690 V: P= 10 kW, Can be combined with auxiliary contact: DILM32-XHI.., DILA-XHI(V).., DILM32-XHI11-S, Contacts N/O = Normally open: 1 N/O, Instructions: Contacts to EN 50 012., Voltage AC/DC: AC operation

Delivery program

Product range
Contactors
Application
Contactors for Motors
Subrange
Contactors up to 170 A, 3 pole
Utilization category
AC-1: Non-inductive or slightly inductive loads, resistance furnaces
NAC-3: Normal AC induction motors: starting, switch off during running
AC-4: Normal AC induction motors: starting, plugging, reversing, inching
Notes
Not suitable for motors with efficiency class IE3.
Connection technique
Screw terminals
Number of poles
3 pole
Rated operational current
AC-3Notes
At maximum permissible ambient temperature (open.)

AC-3380 V 400 V [I_e]
38 A
AC-1Conventional free air thermal current, 3 pole, 50 - 60 HzOpenat 40 °C [$I_{th} = I_e$]
45 A
AC-1Conventional free air thermal current, 3 pole, 50 - 60 Hzenclosed [I_{th}]
36 A
AC-1Conventional free air thermal current, 1 poleopen [I_{th}]
100 A
AC-1Conventional free air thermal current, 1 poleenclosed [I_{th}]
90 A
Max. rating for three-phase motors, 50 - 60 Hz
AC-3220 V 230 V [P]
11 kW
AC-3380 V 400 V [P]
18.5 kW
AC-3660 V 690 V [P]
21 kW
AC-4220 V 230 V [P]
4 kW
AC-4380 V 400 V [P]
7 kW
AC-4660 V 690 V [P]
10 kW
Contacts
N/O = Normally open
1 N/O
Contact sequence

Instructions
Contacts to EN 50 012.
Can be combined with auxiliary contact
DILM32-XHI…
DILA-XHI(V)…
DILM32-XHI11-S
Actuating voltage
230 V 50 Hz, 240 V 60 Hz
Voltage AC/DC
AC operation
Connection to SmartWire-DT
no
Frame size
2

Technical data

General
Standards
IEC/EN 60947, VDE 0660, UL, CSA
Lifespan, mechanicalAC operated [Operations]
10 x 10^6
Operating frequency, mechanicalAC operated [Operations/h]
5000
Climatic proofing
Damp heat, constant, to IEC 60068-2-78
Damp heat, cyclic, to IEC 60068-2-30
Ambient temperatureOpen
-25 - +60 °C
Ambient temperatureEnclosed
- 25 - 40 °C
Ambient temperatureStorage
- 40 - 80 °C
Mounting position

Mechanical shock resistance (IEC/EN 60068-2-27)Half-sinusoidal shock, 10 msMain contactsN/O contact
10 g
Mechanical shock resistance (IEC/EN 60068-2-27)Half-sinusoidal shock, 10 msAuxiliary contactsN/O contact
7 g

Mechanical shock resistance (IEC/EN 60068-2-27)Half-sinusoidal shock, 10 msAuxiliary contactsN/C contact
5 g
Mechanical shock resistance (IEC/EN 60068-2-27) when tabletop-mountedHalf-sinusoidal shock, 10 msMain contactsN/O contact
6.9 g
Mechanical shock resistance (IEC/EN 60068-2-27) when tabletop-mountedHalf-sinusoidal shock, 10 msAuxiliary contactsN/O contact
5.3 g
Mechanical shock resistance (IEC/EN 60068-2-27) when tabletop-mountedHalf-sinusoidal shock, 10 msAuxiliary contactsN/C contact
3.5 g
Degree of Protection
IP00
Protection against direct contact when actuated from front (EN 50274)
Finger and back-of-hand proof
Altitude
Max. 2000 m
WeightAC operated
0.428 kg
Screw connector terminalsTerminal capacity main cableSolid
1 x (0.75 - 16)
2 x (0.75 - 10) mm^2
Screw connector terminalsTerminal capacity main cableFlexible with ferrule
1 x (0.75 - 16)
2 x (0.75 - 10) mm^2
Screw connector terminalsTerminal capacity main cableStranded
1 x 16 mm^2
Screw connector terminalsTerminal capacity main cableSolid or stranded
single 18 - 6, double 18 - 8 AWG
Screw connector terminalsTerminal capacity main cableStripping length
10 mm
Screw connector terminalsTerminal capacity main cableTerminal screw
M5
Screw connector terminalsTerminal capacity main cableTightening torque
3.2 Nm
Screw connector terminalsTerminal capacity main cableToolPozidriv screwdriver
2 Size
Screw connector terminalsTerminal capacity main cableToolStandard screwdriver
0.8 x 5.5
1 x 6 mm
Screw connector terminalsTerminal capacity control circuit cablesSolid
1 x (0.75 - 4)
2 x (0.75 - 2.5) mm^2
Screw connector terminalsTerminal capacity control circuit cablesFlexible with ferrule
1 x (0.75 - 2.5)
2 x (0.75 - 2.5) mm^2
Screw connector terminalsTerminal capacity control circuit cablesSolid or stranded
18 - 14 AWG
Screw connector terminalsTerminal capacity control circuit cablesStripping length
10 mm
Screw connector terminalsTerminal capacity control circuit cablesTerminal screw
M3.5
Screw connector terminalsTerminal capacity control circuit cablesTightening torque
1.2 Nm
Screw connector terminalsTerminal capacity control circuit cablesToolPozidriv screwdriver
2 Size
Screw connector terminalsTerminal capacity control circuit cablesToolStandard screwdriver
0.8 x 5.5
1 x 6 mm
Main conducting paths
Rated impulse withstand voltage [U_{imp}]
8000 V AC
Overvoltage category/pollution degree
III/3
Rated insulation voltage [U_i]
690 V AC
Rated operational voltage [U_e]
690 V AC
Safe isolation to EN 61140between coil and contacts

440 V AC
Safe isolation to EN 61140 between the contacts
440 V AC
Making capacity (p.f. to IEC/EN 60947) [Up to 690 V]
384 A
Breaking capacity 220 V 230 V
320 A
Breaking capacity 380 V 400 V
320 A
Breaking capacity 500 V
320 A
Breaking capacity 660 V 690 V
180 A
Short-circuit ratingShort-circuit protection maximum fuse Type “2” coordination 400 V [gG/gL 500 V]
63 A
Short-circuit ratingShort-circuit protection maximum fuse Type “2” coordination 690 V [gG/gL 690 V]
35 A
Short-circuit ratingShort-circuit protection maximum fuse Type “1” coordination 400 V [gG/gL 500 V]
125 A
Short-circuit ratingShort-circuit protection maximum fuse Type “1” coordination 690 V [gG/gL 690 V]
63 A
AC
AC-1Rated operational currentConventional free air thermal current, 3 pole, 50 - 60 HzOpen at 40 °C [$I_{th} = I_e$]
45 A
AC-1Rated operational currentConventional free air thermal current, 3 pole, 50 - 60 HzOpen at 50 °C [$I_{th} = I_e$]
43 A
AC-1Rated operational currentConventional free air thermal current, 3 pole, 50 - 60 HzOpen at 55 °C [$I_{th} = I_e$]
42 A
AC-1Rated operational currentConventional free air thermal current, 3 pole, 50 - 60 HzOpen at 60 °C [$I_{th} = I_e$]
40 A
AC-1Rated operational currentConventional free air thermal current, 3 pole, 50 - 60 Hzenclosed [I_{th}]
36 A
AC-1Rated operational currentConventional free air thermal current, 1 poleopen [I_{th}]
100 A
AC-1Rated operational currentConventional free air thermal current, 1 poleenclosed [I_{th}]
90 A
AC-3Rated operational currentOpen, 3-pole: 50 – 60 HzNotes
At maximum permissible ambient temperature (open.)
AC-3Rated operational currentOpen, 3-pole: 50 – 60 Hz220 V 230 V [I_e]
38 A
AC-3Rated operational currentOpen, 3-pole: 50 – 60 Hz240 V [I_e]
38 A
AC-3Rated operational currentOpen, 3-pole: 50 – 60 Hz380 V 400 V [I_e]
38 A
AC-3Rated operational currentOpen, 3-pole: 50 – 60 Hz415 V [I_e]
38 A
AC-3Rated operational currentOpen, 3-pole: 50 – 60 Hz440V [I_e]
38 A
AC-3Rated operational currentOpen, 3-pole: 50 – 60 Hz500 V [I_e]
38 A
AC-3Rated operational currentOpen, 3-pole: 50 – 60 Hz660 V 690 V [I_e]
22.5 A
AC-3Motor rating [P]220 V 230 V [P]
11 kW
AC-3Motor rating [P]240V [P]
12 kW
AC-3Motor rating [P]380 V 400 V [P]
18.5 kW
AC-3Motor rating [P]415 V [P]
20 kW
AC-3Motor rating [P]440 V [P]
21 kW
AC-3Motor rating [P]500 V [P]
24 kW
AC-3Motor rating [P]660 V 690 V [P]
21 kW
AC-4Open, 3-pole: 50 – 60 Hz220 V 230 V [I_e]
15 A
AC-4Open, 3-pole: 50 – 60 Hz240 V [I_e]

15 A
AC-4Open, 3-pole: 50 – 60 Hz380 V 400 V [I_e]
15 A
AC-4Open, 3-pole: 50 – 60 Hz415 V [I_e]
15 A
AC-4Open, 3-pole: 50 – 60 Hz440 V [I_e]
15 A
AC-4Open, 3-pole: 50 – 60 Hz500 V [I_e]
15 A
AC-4Open, 3-pole: 50 – 60 Hz660 V 690 V [I_e]
12 A
AC-4Motor rating [P]220 V 230 V [P]
4 kW
AC-4Motor rating [P]240 V [P]
4.5 kW
AC-4Motor rating [P]380 V 400 V [P]
7 kW
AC-4Motor rating [P]415 V [P]
7.5 kW
AC-4Motor rating [P]440 V [P]
8 kW
AC-4Motor rating [P]500 V [P]
9 kW
AC-4Motor rating [P]660 V 690 V [P]
10 kW
DC
Rated operational current, openDC-160 V [I_e]
40 A
Rated operational current, openDC-1110 V [I_e]
40 A
Rated operational current, openDC-1220 V [I_e]
40 A
Current heat loss
3 pole, at I_{th} (60°)
10.3 W
Current heat loss at I_e to AC-3/400 V
9.3 W
Impedance per pole
2.7 mΩ
Magnet systems
Voltage toleranceAC operated [Pick-up]
0.8 - 1.1 x U_c
Voltage toleranceDrop-out voltage AC operated [Drop-out]
0.3 - 0.6 x U_c
Power consumption of the coil in a cold state and 1.0 x U_S50 Hz [Pick-up]
52 VA
Power consumption of the coil in a cold state and 1.0 x U_S50 Hz [Sealing]
7.1 VA
Power consumption of the coil in a cold state and 1.0 x U_S50 Hz [Sealing]
2.1 W
Power consumption of the coil in a cold state and 1.0 x U_S60 Hz [Pick-up]
67 VA
Power consumption of the coil in a cold state and 1.0 x U_S60 Hz [Sealing]
8.7 VA
Power consumption of the coil in a cold state and 1.0 x U_S60 Hz [Sealing]
2.1 W
Duty factor
100 % DF
Changeover time at 100 % U_S (recommended value)Main contactsAC operatedClosing delay
16 - 22 ms
Changeover time at 100 % U_S (recommended value)Main contactsAC operatedOpening delay
8 - 14 ms
Changeover time at 100 % U_S (recommended value)Arcing time
10 ms
Electromagnetic compatibility (EMC)
Emitted interference
to EN 60947-1
Interference immunity
to EN 60947-1

Rating data for approved types
Switching capacityMaximum motor ratingThree-phase200 V
208 V
10 HP
Switching capacityMaximum motor ratingThree-phase230 V
240 V
10 HP
Switching capacityMaximum motor ratingThree-phase460 V
480 V
20 HP
Switching capacityMaximum motor ratingThree-phase575 V
600 V
25 HP
Switching capacityMaximum motor ratingSingle-phase115 V
120 V
2 HP
Switching capacityMaximum motor ratingSingle-phase230 V
240 V
5 HP
Switching capacityGeneral use
40 A
Auxiliary contactsPilot DutyAC operated
A600
Auxiliary contactsPilot DutyDC operated
P300
Auxiliary contactsGeneral UseAC
600 V
Auxiliary contactsGeneral UseAC
10 A
Auxiliary contactsGeneral UseDC
250 V
Auxiliary contactsGeneral UseDC
1 A
Short Circuit Current RatingBasic RatingSCCR
5 kA
Short Circuit Current RatingBasic Ratingmax. Fuse
125 A
Short Circuit Current RatingBasic Ratingmax. CB
125 A
Short Circuit Current Rating480 V High FaultSCCR (fuse)
10/100 kA
Short Circuit Current Rating480 V High Faultmax. Fuse
125/70 Class J A
Short Circuit Current Rating480 V High FaultSCCR (CB)
10/65 kA
Short Circuit Current Rating480 V High Faultmax. CB
50/32 A
Short Circuit Current Rating600 V High FaultSCCR (fuse)
10/100 kA
Short Circuit Current Rating600 V High Faultmax. Fuse
125/125 Class J A
Short Circuit Current Rating600 V High FaultSCCR (CB)
10/22 kA
Short Circuit Current Rating600 V High Faultmax. CB
50/32 A
Special Purpose RatingsElectrical Discharge Lamps (Ballast)480V 60Hz 3phase, 277V 60Hz 1phase
40 A
Special Purpose RatingsElectrical Discharge Lamps (Ballast)600V 60Hz 3phase, 347V 60Hz 1phase
40 A
Special Purpose RatingsIncandescent Lamps (Tungsten)480V 60Hz 3phase, 277V 60Hz 1phase
40 A
Special Purpose RatingsIncandescent Lamps (Tungsten)600V 60Hz 3phase, 347V 60Hz 1phase
40 A
Special Purpose RatingsResistance Air Heating480V 60Hz 3phase, 277V 60Hz 1phase
40 A
Special Purpose RatingsResistance Air Heating600V 60Hz 3phase, 347V 60Hz 1phase
40 A
Special Purpose RatingsRefrigeration Control (CSA only)LRA 480V 60Hz 3phase
240 A

Special Purpose RatingsRefrigeration Control (CSA only)FLA 480V 60Hz 3phase
40 A
Special Purpose RatingsRefrigeration Control (CSA only)LRA 600V 60Hz 3phase
180 A
Special Purpose RatingsRefrigeration Control (CSA only)FLA 600V 60Hz 3phase
30 A
Special Purpose RatingsDefinite Purpose Ratings (100,000 cycles acc. to UL 1995)LRA 480V 60Hz 3phase
192 A
Special Purpose RatingsDefinite Purpose Ratings (100,000 cycles acc. to UL 1995)FLA 480V 60Hz 3phase
32 A
Special Purpose RatingsElevator Control200V 60Hz 3phase
7.5 HP
Special Purpose RatingsElevator Control200V 60Hz 3phase
25.3 A
Special Purpose RatingsElevator Control240V 60Hz 3phase
7.5 HP
Special Purpose RatingsElevator Control240V 60Hz 3phase
22 A
Special Purpose RatingsElevator Control480V 60Hz 3phase
20 HP
Special Purpose RatingsElevator Control480V 60Hz 3phase
27 A
Special Purpose RatingsElevator Control600V 60Hz 3phase
20 HP
Special Purpose RatingsElevator Control600V 60Hz 3phase
22 A

Design verification as per IEC/EN 61439

Technical data for design verification
Rated operational current for specified heat dissipation [I_n]
38 A
Heat dissipation per pole, current-dependent [P_{vid}]
3.1 W
Equipment heat dissipation, current-dependent [P_{vid}]
9.3 W
Static heat dissipation, non-current-dependent [P_{vs}]
2.1 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
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) / Power contactor, AC switching (EC000066)
Electric engineering, automation, process control engineering / Low-voltage switch technology / Contactor (LV) / Power contactor, AC switching (ecl@ss10.0.1-27-37-10-03 [AAB718015])
Rated control supply voltage Us at AC 50HZ
230 - 230 V
Rated control supply voltage Us at AC 60HZ
240 - 240 V
Rated control supply voltage Us at DC
0 - 0 V
Voltage type for actuating
AC
Rated operation current Ie at AC-1, 400 V
45 A
Rated operation current Ie at AC-3, 400 V
38 A
Rated operation power at AC-3, 400 V
18.5 kW
Rated operation current Ie at AC-4, 400 V
15 A
Rated operation power at AC-4, 400 V
7 kW
Rated operation power NEMA
14.9 kW
Modular version
No
Number of auxiliary contacts as normally open contact
1
Number of auxiliary contacts as normally closed contact
0
Type of electrical connection of main circuit
Screw connection
Number of normally closed contacts as main contact
0
Number of main contacts as normally open contact
3

Approvals

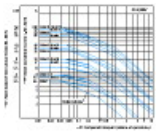
Product Standards
IEC/EN 60947-4-1; UL 60947-4-1; CSA - C22.2 No. 60947-4-1-14; CE marking
UL File No.
E29096
UL Category Control No.
NLDX
CSA File No.
012528
CSA Class No.

2411-03, 3211-04
North America Certification
UL listed, CSA certified
Specially designed for North America
No

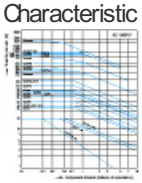
Characteristics

Accessories
1: Overload relay
2: Suppressor
3: Auxiliary contact modules
Characteristic curve

Squirrel-cage motor
Operating characteristics
Starting:from rest
Stopping:after attaining full running speed
Electrical characteristics
Make: up to 6 x rated motor current
Break: up to 1 x rated motor current
Utilization category
100 % AC-3
Typical applications
Compressors
Lifts
Mixers
Pumps
Escalators
Agitators
Fans
Conveyor belts
Centrifuges
Hinged flaps
Bucket-elevators
Air conditioning system
General drives in manufacturing and processing machines
Characteristic curve



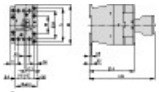
Extreme switching duty
Squirrel-cage motor
Operating characteristics
Inching, plugging, reversing
Electrical characteristics
Make: up to 6 x rated motor current
Break: up to 6 x rated motor current
Utilization category
100 % AC-4
Typical applications
Printing presses
Wire-drawing machines
Centrifuges
Special drives for manufacturing and processing machines
Characteristic curve



Switching conditions for non-motor consumers, 3 pole, 4 pole
Operating characteristics
Non inductive and slightly inductive loads
Electrical characteristics
Switch on: 1 x rated operational current
Switch off: 1 x rated operational current

Utilization category
100 % AC-1
Typical examples of application
Electric heat

Dimensions



Contactor with auxiliary contact module

distance at side to earthed parts: 6 mm

CAD data

- Product-specific CAD data
  (Web)
- 3D Preview
  (Web)

DWG files

- DA-CD-dil_m17_38
  File
  (Web)

edz files

- DA-CE-ETN.DILM38-10(230V50HZ,240V60HZ)
  File
  (Web)

Step files

- DA-CS-dil_m17_38
  File
  (Web)

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)

Wiring diagram

- 

  210S026
  Line drawing
  Contact sequences complete units

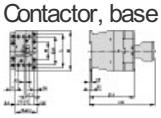
Product photo

- 
  2110PIC-213
  Photo

System overview

- 210O154
  Panorama
  Circuit-breaker with accessories

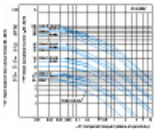
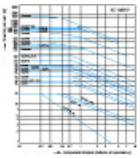
Dimensions single product

- 210N017
  Line drawing
  Mounting position
- 210N018
  Line drawing
  Mounting position
- 210T014
  Line drawing
  Contactor, base unit BG2
- 
  210X202
  Line drawing
  Contactor with auxiliary contact module

Symbol

- 0000SPC-173
  Graphic
  Logo new yellow small

Characteristic curve

- 2100DIA-7
  Coordinate visualization
  Normal switching duty
- 
  2100DIA-8
  Coordinate visualization
  Extreme switching duty
- 
  210U038
  Coordinate visualization
  Component lifespan: non-motor-driven loads

3D drawing

- 210l192
  Line drawing
  Frame size 2 contactor basic unit (screw terminal)

Instruction Leaflet

- DILM Contactors (IL03407014Z)
  Asset
  former AWA2100-2127
  (PDF, 05/2020, multilingual)

Download-Center

- Download-Center (this item)
  Eaton EMEA Download-Center - download data for this item
- Download-Center
  Eaton EMEA Download-Center

Generate data sheet in PDF format

Generate data sheet in Excel format

Write a comment