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Worldwide English



Powering Business Worldwide

DILM80(230V50HZ,240V60HZ) - Contactor, 3 pole, 380 V 400 V 37 kW, 230 V 50 Hz, 240 V 60 Hz, AC operation, Screw terminals



239402 DILM80(230V50HZ,240V60HZ)

[Overview](#) [Specifications](#) [Resources](#)



239402 DILM80(230V50HZ,240V60HZ)

Contacteur, 3 pole, 380 V 400 V 37 kW, 230 V 50 Hz, 240 V 60 Hz, AC operation, Screw terminals

Alternate Catalog Nb.

XTCE080F00F

EL-Nummer (Norway)

4134048

Contacteur, Application: Contacteurs for Motors, Contacteurs 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: Also suitable for motors with efficiency class IE3, Number of poles: 3 pole, Rated operational current AC-3 380 V 400 V: $I_{th} = I_e = 80$ A, Rated operational current AC-1 Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C: $I_{th} = I_e = 110$ A, enclosed: $I_{th} = 80$ A, Rated operational current AC-1 Conventional free air thermal current, 1 pole open: $I_{th} = 225$ A, enclosed: $I_{th} = 200$ A, Max. rating for three-phase motors, 50 - 60 Hz AC-3 220 V 230 V: P= 25 kW, 380 V 400 V: P= 37 kW, 660 V 690 V: P= 63 kW, Max. rating for three-phase motors, 50 - 60 Hz AC-4 220 V 230 V: P= 11.5 kW, 380 V 400 V: P= 20 kW, 660 V 690 V: P= 26 kW, Can be combined with auxiliary contact: DILM150-XH(V)..., DILM1000-XH(V)..., Instructions: Contacts to EN 50 012., Voltage AC/DC: AC operation

- [Delivery program](#)
- [Technical data](#)
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- [Technical data ETIM 7.0](#)
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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

AC-3/AC-3e: Normal AC induction motors: Starting, switching off while running

AC-4: Normal AC induction motors: starting, plugging, reversing, inching



Notes

Also 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.)

Also tested according to AC-3e.

AC-3380 V 400 V [I_e]

80 A

AC-1Conventional free air thermal current, 3 pole, 50 - 60 HzOpenat 40 °C [$I_{th} = I_e$]

110 A

AC-1Conventional free air thermal current, 3 pole, 50 - 60 Hzenclosed [I_{th}]

80 A

AC-1Conventional free air thermal current, 1 poleopen [I_{th}]

225 A

AC-1Conventional free air thermal current, 1 poleenclosed [I_{th}]

200 A

Max. rating for three-phase motors, 50 - 60 Hz

AC-3220 V 230 V [F]

25 kW

AC-3380 V 400 V [F]

37 kW

AC-3660 V 690 V [F]

63 kW

AC-4220 V 230 V [F]

11.5 kW

AC-4380 V 400 V [F]

20 kW

AC-4660 V 690 V [F]

26 kW

Contact sequence



Instructions

Contacts to EN 50 012.

Can be combined with auxiliary contact

DILM150-XH(V)...

DILM1000-XH(V)...

Actuating voltage

230 V 50 Hz, 240 V 60 Hz

Voltage AC/DC

AC operation

Connection to SmartWire-DT

no

Frame size

4

Technical data

General

Standards

IEC/EN 60947, VDE 0660, UL, CSA

Lifespan, mechanicalAC operated [Operations]

5.7×10^6

Operating frequency, mechanicalAC operated [Operations/h]

3600

Climatic proofing

Damp heat, constant, to IEC 60068-2-78

Damp heat, cyclic, to IEC 60068-2-30

Ambient temperatureOpen

-25 - +60 °C

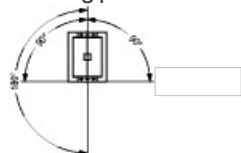
Ambient temperatureEnclosed

- 25 - 40 °C

Ambient temperatureStorage

- 40 - 80 °C

Mounting position



Mechanical shock resistance (IEC/EN 60068-2-27)Half-sinusoidal shock, 10 msMain contactsNO contact
10 g

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

Mechanical shock resistance (IEC/EN 60068-2-27)Half-sinusoidal shock, 10 msAuxiliary contactsNC contact
5 g

Mechanical shock resistance (IEC/EN 60068-2-27) when tabletop-mountedHalf-sinusoidal shock, 10 msMain contactsNO contact
10 g

Mechanical shock resistance (IEC/EN 60068-2-27) when tabletop-mountedHalf-sinusoidal shock, 10 msAuxiliary contactsNO contact
7 g

Mechanical shock resistance (IEC/EN 60068-2-27) when tabletop-mountedHalf-sinusoidal shock, 10 msAuxiliary contactsNC contact
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
2.18 kg

Screw connector terminalsTerminal capacity main cableFlexible with ferrule
1 x (10 - 70)
2 x (10 - 50) mm²

Screw connector terminalsTerminal capacity main cableStranded
1 x (16 - 70)
2 x (16 - 50) mm²

Screw connector terminalsTerminal capacity main cableSolid or stranded
single 8...3/0, double 8...2/0 AWG

Screw connector terminalsTerminal capacity main cableFlat conductor [Lamellenzahl x Breite x Dicke]
2 x (6 x 16 x 0.8) mm

Screw connector terminalsTerminal capacity main cableStripping length
24 mm

Screw connector terminalsTerminal capacity main cableTerminal screw
M10

Screw connector terminalsTerminal capacity main cableTightening torque
14 Nm

Screw connector terminalsTerminal capacity main cableToolHexagon socket-head spanner [SW]
5 mm

Screw connector terminalsTerminal capacity control circuit cablesSolid
1 x (0.75 - 4)
2 x (0.75 - 2.5) mm²

Screw connector terminalsTerminal capacity control circuit cablesFlexible with ferrule
1 x (0.75 - 2.5)
2 x (0.75 - 2.5) mm²

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 screw driver
2 Size

Screw connector terminalsTerminal capacity control circuit cablesToolStandard screw driver
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 61140 between coil and contacts
690 V AC
Safe isolation to EN 61140 between the contacts
690 V AC
Making capacity (p.f. to IEC/EN 60947) [Up to 690 V]
1120 A
Breaking capacity 220 V 230 V
800 A
Breaking capacity 380 V 400 V
800 A
Breaking capacity 500 V
800 A
Breaking capacity 660 V 690 V
650 A
Short-circuit rating Short-circuit protection maximum fuse Type "2" coordination 400 V [gG/gL 500 V]
160 A
Short-circuit rating Short-circuit protection maximum fuse Type "2" coordination 690 V [gG/gL 690 V]
160 A
Short-circuit rating Short-circuit protection maximum fuse Type "1" coordination 400 V [gG/gL 500 V]
250 A
Short-circuit rating Short-circuit protection maximum fuse Type "1" coordination 690 V [gG/gL 690 V]
200 A
AC
AC-1 Rated operational current Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 40 °C [$I_{th} = I_e$]
110 A
AC-1 Rated operational current Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 50 °C [$I_{th} = I_e$]
98 A
AC-1 Rated operational current Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 55 °C [$I_{th} = I_e$]
94 A
AC-1 Rated operational current Conventional free air thermal current, 3 pole, 50 - 60 Hz Open at 60 °C [$I_{th} = I_e$]
90 A
AC-1 Rated operational current Conventional free air thermal current, 3 pole, 50 - 60 Hz enclosed [I_{th}]
80 A
AC-1 Rated operational current Conventional free air thermal current, 1 pole open [I_{th}]
225 A
AC-1 Rated operational current Conventional free air thermal current, 1 pole enclosed [I_{th}]
200 A
AC-3 Rated operational current Open, 3-pole: 50 – 60 Hz Notes
At maximum permissible ambient temperature (open.)
Also tested according to AC-3e.
AC-3 Rated operational current Open, 3-pole: 50 – 60 Hz 220 V 230 V [I_e]
80 A
AC-3 Rated operational current Open, 3-pole: 50 – 60 Hz 240 V [I_e]
80 A
AC-3 Rated operational current Open, 3-pole: 50 – 60 Hz 380 V 400 V [I_e]
80 A
AC-3 Rated operational current Open, 3-pole: 50 – 60 Hz 415 V [I_e]
80 A
AC-3 Rated operational current Open, 3-pole: 50 – 60 Hz 440 V [I_e]
80 A
AC-3 Rated operational current Open, 3-pole: 50 – 60 Hz 500 V [I_e]
80 A
AC-3 Rated operational current Open, 3-pole: 50 – 60 Hz 660 V 690 V [I_e]
65 A
AC-3 Mtor rating [P] 220 V 230 V [P]
25 kW
AC-3 Mtor rating [P] 240 V [P]
27.5 kW
AC-3 Mtor rating [P] 380 V 400 V [P]
37 kW
AC-3 Mtor rating [P] 415 V [P]
48 kW
AC-3 Mtor rating [P] 440 V [P]
51 kW
AC-3 Mtor rating [P] 500 V [P]
58 kW
AC-3 Mtor rating [P] 660 V 690 V [P]
63 kW
AC-4 Open, 3-pole: 50 – 60 Hz 220 V 230 V [I_e]

40 A
 AC-4Open, 3-pole: 50 – 60 Hz240 V [I_e]
 40 A
 AC-4Open, 3-pole: 50 – 60 Hz380 V 400 V [I_e]
 40 A
 AC-4Open, 3-pole: 50 – 60 Hz415 V [I_e]
 40 A
 AC-4Open, 3-pole: 50 – 60 Hz440 V [I_e]
 40 A
 AC-4Open, 3-pole: 50 – 60 Hz500 V [I_e]
 40 A
 AC-4Open, 3-pole: 50 – 60 Hz660 V 690 V [I_e]
 27 A
 AC-4Mbtor rating [P]220 V 230 V [P]
 11.5 kW
 AC-4Mbtor rating [P]240 V [P]
 13 kW
 AC-4Mbtor rating [P]380 V 400 V [P]
 20 kW
 AC-4Mbtor rating [P]415 V [P]
 24 kW
 AC-4Mbtor rating [P]440 V [P]
 25 kW
 AC-4Mbtor rating [P]500 V [P]
 29 kW
 AC-4Mbtor rating [P]660 V 690 V [P]
 26 kW
 DC
 Rated operational current, openDC-160 V [I_e]
 110 A
 Rated operational current, openDC-110 V [I_e]
 110 A
 Rated operational current, openDC-1220 V [I_e]
 70 A
 Current heat loss
 3 pole, at I_h (60°)
 11.4 W
 Current heat loss at I_e to AC-3/400 V
 9 W
 Impedance per pole
 0.6 m Ω
 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_s 50 Hz [Pick-up]
 310 VA
 Power consumption of the coil in a cold state and 1.0 x U_s 50 Hz [Sealing]
 26 VA
 Power consumption of the coil in a cold state and 1.0 x U_s 50 Hz [Sealing]
 5.8 W
 Power consumption of the coil in a cold state and 1.0 x U_s 60 Hz [Pick-up]
 345 VA
 Power consumption of the coil in a cold state and 1.0 x U_s 60 Hz [Sealing]
 30 VA
 Power consumption of the coil in a cold state and 1.0 x U_s 60 Hz [Sealing]
 5.8 W
 Duty factor
 100 % DF
 Changeover time at 100 % U_s (recommended value)Main contactsAC operatedClosing delay
 14 - 20 ms
 Changeover time at 100 % U_s (recommended value)Main contactsAC operatedOpening delay
 9 - 14 ms
 Changeover time at 100 % U_s (recommended value)Arcing time
 15 ms
 Changeover time at 100 % U_s (recommended value)Permissible residual current with actuation of A1 - A2 by the electronics (with 0 signal).
 1 mA

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
 25 HP
 Switching capacityMaximum motor ratingThree-phase230 V
 240 V
 30 HP
 Switching capacityMaximum motor ratingThree-phase460 V
 480 V
 60 HP
 Switching capacityMaximum motor ratingThree-phase575 V
 600 V
 75 HP
 Switching capacityMaximum motor ratingSingle-phase115 V
 120 V
 7.5 HP
 Switching capacityMaximum motor ratingSingle-phase230 V
 240 V
 15 HP
 Switching capacityGeneral use
 125 A
 Short Circuit Current RatingBasic RatingSCCR
 10 kA
 Short Circuit Current RatingBasic Ratingmax. Fuse
 600 A
 Short Circuit Current RatingBasic Ratingmax. CB
 600 A
 Short Circuit Current Rating480 V High FaultSCCR (fuse)
 30/100 kA
 Short Circuit Current Rating480 V High Faultmax. Fuse
 300/300 Class J A
 Short Circuit Current Rating480 V High FaultSCCR (CB)
 65 kA
 Short Circuit Current Rating480 V High Faultmax. CB
 250 A
 Short Circuit Current Rating600 V High FaultSCCR (fuse)
 30/100 kA
 Short Circuit Current Rating600 V High Faultmax. Fuse
 300/300 Class J A
 Short Circuit Current Rating600 V High FaultSCCR (CB)
 30 kA
 Short Circuit Current Rating600 V High Faultmax. CB
 350 A
 Special Purpose RatingsElectrical Discharge Lamps (Ballast)480V 60Hz 3phase, 277V 60Hz 1phase
 100 A
 Special Purpose RatingsElectrical Discharge Lamps (Ballast)600V 60Hz 3phase, 347V 60Hz 1phase
 100 A
 Special Purpose RatingsIncandescent Lamps (Tungsten)480V 60Hz 3phase, 277V 60Hz 1phase
 100 A
 Special Purpose RatingsIncandescent Lamps (Tungsten)600V 60Hz 3phase, 347V 60Hz 1phase
 100 A
 Special Purpose RatingsResistance Air Heating480V 60Hz 3phase, 277V 60Hz 1phase
 100 A
 Special Purpose RatingsResistance Air Heating600V 60Hz 3phase, 347V 60Hz 1phase
 100 A
 Special Purpose RatingsRefrigeration Control (CSA only)LRA 480V 60Hz 3phase
 540 A
 Special Purpose RatingsRefrigeration Control (CSA only)FLA 480V 60Hz 3phase
 90 A
 Special Purpose RatingsRefrigeration Control (CSA only)LRA 600V 60Hz 3phase
 420 A
 Special Purpose RatingsRefrigeration Control (CSA only)FLA 600V 60Hz 3phase
 70 A
 Special Purpose RatingsDefinite Purpose Ratings (100,000 cycles acc. to UL 1995)LRA 480V 60Hz 3phase

480 A
 Special Purpose Ratings Definite Purpose Ratings (100,000 cycles acc. to UL 1995) FLA 480V 60Hz 3phase
 80 A
 Special Purpose Ratings Elevator Control 200V 60Hz 3phase
 20 HP
 Special Purpose Ratings Elevator Control 200V 60Hz 3phase
 62.1 A
 Special Purpose Ratings Elevator Control 240V 60Hz 3phase
 25 HP
 Special Purpose Ratings Elevator Control 240V 60Hz 3phase
 68 A
 Special Purpose Ratings Elevator Control 480V 60Hz 3phase
 50 HP
 Special Purpose Ratings Elevator Control 480V 60Hz 3phase
 65 A
 Special Purpose Ratings Elevator Control 600V 60Hz 3phase
 60 HP
 Special Purpose Ratings Elevator Control 600V 60Hz 3phase
 62 A

Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation [I_r]

80 A

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

3 W

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

9 W

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

5.8 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 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) / 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 U_s at AC 50HZ

230 - 230 V

Rated control supply voltage U_s at AC 60HZ

240 - 240 V

Rated control supply voltage U_s at DC

0 - 0 V

Voltage type for actuating

AC

Rated operation current I_e at AC-1, 400 V

110 A

Rated operation current I_e at AC-3, 400 V

80 A

Rated operation power at AC-3, 400 V

37 kW

Rated operation current I_e at AC-4, 400 V

40 A

Rated operation power at AC-4, 400 V

20 kW

Rated operation power NEMA

44.7 kW

Modular version

No

Number of auxiliary contacts as normally open contact

0

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

CHARACTERISTICS



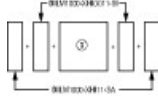
Accessories

1: Overload relay

2: Suppressor

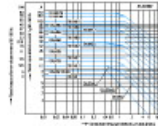
3: Auxiliary contact modules

Side mounting auxiliary contacts



possible variants at auxiliary contact module fitting options
on the side: 2 x DILMB20-XH11(V)-SI; 2 x DILMB20-XH11-SA

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: 10 mm

DILM80...DILM170

DILMC80...DILMC150

DILMF80...DILMF150

CAD data

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

DWG files

- [DA-CD-dil_m80_170](#)
File
(Web)

edz files

- [DA-CE-ETN.DILM80\(230V50HZ,240V60HZ\)](#)
File
(Web)

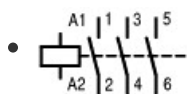
Step files

- [DA-CS-dil_m80_170](#)
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 Cable 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



210S045

Line drawing

Contacts

Product photo

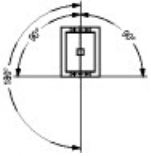


2110PIC-229
Photo

System overview

- [210O154](#)
Panorama
Circuit-breaker with accessories

Dimensions single product



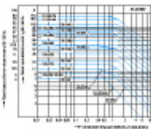
210ND17
Line drawing
Mounting position

- [210ND18](#)
Line drawing
Mounting position
- [210T016](#)
Line drawing
Contactor basic unit, frame size 4
- [210X203](#)
Line drawing
Contactor

Standards

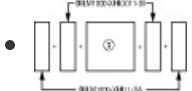
- 
[0000SFC-571](#)
Logo
IE3-ready logo 4c

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
- [210U040](#)
Coordinate visualization
Short-time loading

3D drawing



2100DRW-296

Line drawing

- 2110DRW-4
Line drawing
Contactors, basic unit frame size 4 (screw terminals)

Instruction Leaflet

- [Contactors DILM\(IL03407039Z\)](#)
Asset
former AWA2100-2286, Pub51188
(PDF, 07/2021, multilingual)

Download-Center

- [Download-Center \(this item\)](#)
Eaton EMEA Download-Center - download data for this item
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