## Specifications

Photo is representative

## Eaton 277173

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 11 kW, 1 NC, 380 V 50/60 Hz, AC operation, Screw terminals

General specification	S
PRODUCT NAME	Eaton Moeller® series DILM contactor
CATALOG NUMBER	277173
MODEL CODE	DILM25-01(380V50/60HZ)
EAN	4015082771737
PRODUCT LENGTH/DEPTH	97 mm
PRODUCT HEIGHT	85 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.428 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	CSA Std. C22.2 No. 14-05 IEC 60947-4-1 EN 60947-4-1 UL 508 VDE VDE 0660 UL IEC/EN 60947 CSA
CATALOG NOTES	Contacts according to EN 50012
GLOBAL CATALOG	277173



Product specifications	
AMPERAGE RATING	25A
NUMBER OF POLES	Three-pole
VOLTAGE RATING	380 V
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.
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Meets the product standard's requirements.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be evaluated.
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.

CATALOGS  Product Range Catalog Switching and protecting motors  eaton-product-overview- for-machinery-catalogue- ca08103003zen-en-us.pdf  eaton-contactors- component-dilm- characteristic-curve- 003.eps  eaton-contactors-switch- dilm-characteristic- curve.eps  eaton-contactors-switch- dilm-characteristic- curve.eps  eaton-contactors-switch- dilm-characteristic- curve.eps  eaton-contactors- dimensions-210x202.eps  eaton-contactors- dimensions-210x202.eps  eaton-contactors- mounting-dilm- dimensions.eps  eaton-contactors- mounting-dilm- dimensions- ps  eaton-contactors- dilm-viring-diagram- pounting-diagram- pounting-diagram	Resources	
CATALOGS  Switching and protecting motors  eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf  eaton-contactors-component-dilm-characteristic-curve-003.eps  eaton-contactors-switch-dilm-characteristic-curve-002.eps  eaton-contactors-switch-dilm-characteristic-curve-002.eps  eaton-contactors-contact-dimensions-210x202.eps  eaton-contactors-dilm-dimensions-002.eps  eaton-contactors-mounting-dilm-dimensions.eps  eaton-contactors-mounting-dilm-dimensions.eps  eaton-contactors-mounting-dilm-dimensions.eps  eaton-contactors-dilm-3d-drawing-009.eps  ECAD MODEL  ETN.277173.edz  INSTALLATION INSTRUCTIONS  INSTALLATION VIDEOS  MCAD MODEL  DA-CS-dil m17 38  DA-CD-dil m17 38  DA-CD-dil m17 38  PA-CD-dil m17 38  eaton-contactors-dilm-contactors-dilm-contactor-system-overview.eps  2100SWI-117  WIRING DIAGRAMS  eaton-contactors-contact-dilm-wiring-diagram-		SmartWire-DT Catalog
CHARACTERISTIC CURVE  COUX.eps  CO	CATALOGS	Switching and protecting
CHARACTERISTIC CURVE  CHARACTERISTIC CURVE  eaton-contactors-switch-dilm-characteristic-curve.ps  eaton-contactors-switch-dilm-characteristic-curve.po2.eps  eaton-contactors-contact-dimensions-210x202.eps  eaton-contactors-dimensions-210t014.eps  eaton-contactors-mounting-dilm-dimensions-002.eps  eaton-contactors-mounting-dilm-dimensions.eps  eaton-contactors-mounting-dilm-dimensions.eps  eaton-contactors-mounting-dilm-dimensions.eps  eaton-contactors-dilm-3d-drawing-009.eps  ECAD MODEL  ETN.277173.edz  INSTALLATION INSTRUCTIONS  INSTALLATION VIDEOS  MCAD MODEL  DA-CS-dil m17 38  DA-CD-dil m17 38  DA-CD-dil m17 38  DA-CD-dil m17 38  DA-CD-dil m17 38  Eaton-contactors-dilm-contactors-dilm-contactors-system-overview.eps  2100SWI-117  WIRING DIAGRAMS  eaton-contactors-contact-dilm-wiring-diagram-		for-machinery-catalogue-
CHARACTERISTIC CURVE  dilm-characteristic- curve.eps  eaton-contactors-switch- dilm-characteristic-curve- 002.eps  eaton-contactors-contact- dimensions-210x202.eps  eaton-contactors- dimensions-210t014.eps  eaton-contactors- mounting-dilm- dimensions-002.eps  eaton-contactors- mounting-dilm- dimensions.eps  eaton-general-ie-ready- dilm-contactor- standards.eps  eaton-contactors-dilm-3d- drawing-009.eps  ECAD MODEL  ETN.277173.edz  INSTALLATION INSTRUCTIONS  INSTALLATION VIDEOS  WIN-WIN with push-in technology  DA-CS-dil m17 38  DA-CD-dil m17 38  eaton-contactors-dilm- contactor-system- overview.eps 2100SWI-117  WIRING DIAGRAMS  eaton-contactors-contact- dilm-wiring-diagram-	CHARACTERISTIC CURVE	component-dilm- characteristic-curve-
dilm-characteristic-curve- 002.eps  eaton-contactors-contact- dimensions-210x202.eps  eaton-contactors- dimensions-210t014.eps  eaton-contactors- dimensions-002.eps  eaton-contactors- mounting-dilm- dimensions-002.eps  eaton-contactors- mounting-dilm- dimensions.eps  eaton-general-ie-ready- dilm-contactor- standards.eps  eaton-contactors-dilm-3d- drawing-009.eps  ECAD MODEL  ETN.277173.edz  INSTALLATION INSTRUCTIONS  INSTALLATION VIDEOS  MIN-WIN with push-in technology  DA-CS-dil m17 38  DA-CD-dil m17 38  eaton-contactors-dilm- contactor-system- overview.eps  2100SWI-117  WIRING DIAGRAMS  eaton-contactors-contact- dilm-wiring-diagram-		dilm-characteristic-
dimensions-210x202.eps  eaton-contactors- dimensions-210t014.eps  eaton-contactors- mounting-dilm- dimensions-002.eps  DRAWINGS  eaton-contactors- mounting-dilm- dimensions.eps  eaton-general-ie-ready- dilm-contactor- standards.eps  eaton-contactors-dilm-3d- drawing-009.eps  ECAD MODEL  ETN.277173.edz  INSTALLATION INSTRUCTIONS  INSTALLATION VIDEOS  WIN-WIN with push-in technology  DA-CS-dil m17 38  DA-CD-dil m17 38  DA-CD-dil m17 38  eaton-contactors-dilm- contactor-system- overview.eps 2100SWI-117  WIRING DIAGRAMS  eaton-contactors-contact- dilm-wiring-diagram-		dilm-characteristic-curve-
dimensions-210t014.eps  eaton-contactors- mounting-dilm- dimensions-002.eps  PRAWINGS  eaton-contactors- mounting-dilm- dimensions.eps  eaton-general-ie-ready- dilm-contactor- standards.eps  eaton-contactors-dilm-3d- drawing-009.eps  ECAD MODEL  ETN.277173.edz  INSTALLATION INSTRUCTIONS  INSTALLATION VIDEOS  MCAD MODEL  MIN-WIN with push-in technology  DA-CS-dil m17 38  DA-CS-dil m17 38  DA-CD-dil m17 38  eaton-contactors-dilm- contactor-system- overview.eps  2100SWI-117  WIRING DIAGRAMS  eaton-contactors-contact- dilm-wiring-diagram-	DRAWINGS	
DRAWINGS  eaton-contactors- mounting-dilm- dimensions-002.eps  eaton-contactors- mounting-dilm- dimensions.eps  eaton-general-ie-ready- dilm-contactor- standards.eps  eaton-contactors-dilm-3d- drawing-009.eps  ECAD MODEL  ETN.277173.edz  INSTALLATION INSTRUCTIONS  INSTALLATION VIDEOS  MCAD MODEL  DA-CS-dil m17 38  DA-CD-dil m17 38  eaton-contactors-dilm- contactor-system- overview.eps  2100SWI-117  WIRING DIAGRAMS  eaton-contactors-contact- dilm-wiring-diagram-		
eaton-contactors- mounting-dilm- dimensions.eps  eaton-general-ie-ready- dilm-contactor- standards.eps  eaton-contactors-dilm-3d- drawing-009.eps  ECAD MODEL  ETN.277173.edz  INSTALLATION INSTRUCTIONS  INSTALLATION VIDEOS  MCAD MODEL  MIN-WIN with push-in technology  DA-CS-dil m17 38  DA-CD-dil m17 38  eaton-contactors-dilm- contactors-system- overview.eps  2100SWI-117  WIRING DIAGRAMS  eaton-contactors-contact- dilm-wiring-diagram-		mounting-dilm-
dilm-contactor- standards.eps  eaton-contactors-dilm-3d- drawing-009.eps  ECAD MODEL  INSTALLATION INSTRUCTIONS  INSTALLATION VIDEOS  MCAD MODEL  DA-CS-dil m17 38  PA-CD-dil m17 38  eaton-contactors-dilm- contactor-system- overview.eps  2100SWI-117  WIRING DIAGRAMS  eaton-contactors-contact- dilm-wiring-diagram-		mounting-dilm-
ECAD MODEL  ETN.277173.edz  INSTALLATION INSTRUCTIONS  INSTALLATION VIDEOS  MCAD MODEL  DA-CS-dil m17 38  DA-CD-dil m17 38  eaton-contactors-dilm-contactor-system-overview.eps 2100SWI-117  WIRING DIAGRAMS  ETN.277173.edz  WIN-WIN with push-in technology  DA-CS-dil m17 38  eaton-contactors-dilm-contactor-system-overview.eps 2100SWI-117		<u>dilm-contactor-</u>
INSTALLATION INSTRUCTIONS  INSTALLATION VIDEOS  WIN-WIN with push-in technology  DA-CS-dil m17 38  DA-CD-dil m17 38  eaton-contactors-dilm-contactor-system-overview.eps  2100SWI-117  WIRING DIAGRAMS  WIN-WIN with push-in technology  DA-CS-dil m17 38  eaton-contactors-dilm-contactor-system-overview.eps  2100SWI-117		
INSTRUCTIONS  INSTALLATION VIDEOS  WIN-WIN with push-in technology  DA-CS-dil m17 38  DA-CD-dil m17 38  Eaton-contactors-dilm-contactor-system-overview.eps  2100SWI-117  WIRING DIAGRAMS  WIN-WIN with push-in technology  DA-CD-dil m17 38  Eaton-contactors-dilm-contactor-system-overview.eps  2100SWI-117	ECAD MODEL	ETN.277173.edz
MCAD MODEL  DA-CS-dil m17 38  DA-CD-dil m17 38  Eaton-contactors-dilm-contactor-system-overview.eps  2100SWI-117  WIRING DIAGRAMS  Eaton-contactors-contact-dilm-wiring-diagram-		IL03407014Z2021_09.pdf
MCAD MODEL  DA-CD-dil_m17_38  eaton-contactors-dilm- contactor-system- overview.eps  2100SWI-117  WIRING DIAGRAMS  eaton-contactors-contact- dilm-wiring-diagram-	INSTALLATION VIDEOS	· · · · · · · · · · · · · · · · · · ·
SYSTEM OVERVIEW  eaton-contactors-dilm- contactor-system- overview.eps  2100SWI-117  WIRING DIAGRAMS  eaton-contactors-contact- dilm-wiring-diagram-	MCAD MODFI	DA-CS-dil m17 38
SYSTEM OVERVIEW  contactor-system- overview.eps  2100SWI-117  WIRING DIAGRAMS  eaton-contactors-contact- dilm-wiring-diagram-		DA-CD-dil_m17_38
WIRING DIAGRAMS <u>eaton-contactors-contact-dilm-wiring-diagram-</u>	SYSTEM OVERVIEW	contactor-system-
dilm-wiring-diagram-		2100SWI-117
	WIRING DIAGRAMS	

10.4 CLEARANCES AND CREEPAGE DISTANCES  10.5 PROTECTION AGAINST ELECTRIC SHOCK  10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS  10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS  10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS  Meets the product standard's requirements boes not apply, since the entire switchgear needs be evaluated.  Is the panel builder's responsibility.	e to
AGAINST ELECTRIC SHOCK  10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS  10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS  10.8 CONNECTIONS FOR  entire switchgear needs be evaluated.  Is the panel builder's responsibility.	to e
SWITCHING DEVICES AND COMPONENTS  10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS  10.8 CONNECTIONS FOR Is the panel builder's responsibility.	
Is the panel builder's responsibility.  10.8 CONNECTIONS FOR Is the panel builder's responsibility.	
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10.9.2 POWER- FREQUENCY ELECTRIC STRENGTH  Is the panel builder's responsibility.	
10.9.3 IMPULSE Is the panel builder's responsibility.	
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL  Is the panel builder's responsibility.	
FITTED WITH: Mirror contact	
FREQUENCY RATING 50-60 Hz	
OPERATING FREQUENCY  5000 mechanical Operations/h (AC operated)	
POLLUTION DEGREE 3	
CLIMATIC PROOFING  Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78	
CONNECTION TO SMARTWIRE-DT	
SWARTON	
RATED IMPULSE WITHSTAND VOLTAGE 8000 V AC (UIMP)	
RATED IMPULSE WITHSTAND VOLTAGE 8000 V AC	off
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-3: Normal AC induction motors: starting, switch of during running AC-4: Normal AC induction motors: starting, pluggin	off
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-3: Normal AC induction motors: starting, switch of during running AC-4: Normal AC induction motors: starting, plugging reversing, inching	off
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-3: Normal AC induction motors: starting, switch of during running AC-4: Normal AC induction motors: starting, plugging reversing, inching  CONNECTION  Screw terminals	off

AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX	40 °C
AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN	-25 °C
AMBIENT STORAGE TEMPERATURE - MAX	80 °C
AMBIENT STORAGE TEMPERATURE - MIN	-40 °C
CONVENTIONAL THERMAL CURRENT ITH (1-POLE, ENCLOSED)	90 A
CONVENTIONAL THERMAL CURRENT ITH (3-POLE, ENCLOSED)	36 A
CONVENTIONAL THERMAL CURRENT ITH AT 55°C (3-POLE, OPEN)	42 A
CONVENTIONAL THERMAL CURRENT ITH OF MAIN CONTACTS (1- POLE, OPEN)	100 A
EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID	4.2 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID	1.4 W
APPLICATION	Contactors for Motors
PRODUCT CATEGORY	Contactors
PROTECTION	Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)
ARCING TIME	10 ms
ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT	Screw connection
SCREWDRIVER SIZE	0.8 x 5.5/1 x 6 mm, Terminal screw, Standard screwdriver 2, Terminal screw, Pozidriv screwdriver
VOLTAGE TYPE	AC
DEGREE OF PROTECTION	IP00
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	1

NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	1
NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT	0
NUMBER OF MAIN CONTACTS (NORMALLY OPEN CONTACT)	3
OPERATING TEMPERATURE - MAX	60 °C
OPERATING TEMPERATURE - MIN	-25 °C
RATED BREAKING CAPACITY AT 220/230 V	250 A
RATED BREAKING CAPACITY AT 380/400 V	250 A
RATED BREAKING CAPACITY AT 500 V	250 A
RATED BREAKING CAPACITY AT 660/690 V	150 A
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	380 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	380 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	380 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	380 V
CONTACT CONFIGURATION	1 NC
DROP-OUT VOLTAGE	AC operated: 0.6 - 0.3 x UC, AC operated
OVERVOLTAGE CATEGORY	III
DUTY FACTOR	100 %
EMITTED INTERFERENCE	According to EN 60947-1
INTERFERENCE IMMUNITY	According to EN 60947-1
LIFESPAN, MECHANICAL	10,000,000 Operations (AC operated) 7,000,000 Operations (Coil 50/60 Hz)
PICK-UP VOLTAGE	0.8 - 1.1 V AC x Uc

POWER CONSUMPTION, PICK-UP, 50 HZ	58 VA, Dual-frequency coil in a cold state and 1.0 x Us
	62 VA, Dual-frequency coil in a cold state and 1.0 x Us
SAFE ISOLATION	440 V AC, Between the contacts, According to EN 61140 440 V AC, Between coil and contacts, According to EN 61140
POWER CONSUMPTION,	58 VA, Dual-frequency coil in a cold state and 1.0 x Us
PICK-UP, 60 HZ	62 VA, Dual-frequency coil in a cold state and 1.0 x Us
SCREW SIZE	M5, Terminal screw, Main cables M3.5, Terminal screw, Control circuit cables
POWER CONSUMPTION, SEALING, 50 HZ	2.1 W, Dual-frequency coil in a cold state and 1.0 x Us
	2.1 W, Dual-frequency coil in a cold state and 1.0 x Us
POWER CONSUMPTION, SEALING, 60 HZ	6.5 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz 9.1 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz
TERMINAL CAPACITY (STRANDED)	1 x 16 mm², Main cables
TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)	1 x (0.75 - 16) mm², Main cables 2 x (0.75 - 10) mm², Main cables 1 x (0.75 - 2.5) mm², Control circuit cables 2 x (0.75 - 2.5) mm², Control circuit cables
SHOCK RESISTANCE	3.5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms 10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms 6.9 g, N/O main contact, Mechanical, according to

	IEC/EN 60068-2-27 when tabletop-mounted, Halfsinusoidal shock 10 ms 5.3 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms 7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Halfsinusoidal shock 10 ms
TERMINAL CAPACITY (SOLID)	2 x (0.75 - 2.5) mm², Control circuit cables 1 x (0.75 - 4) mm², Control circuit cables 1 x (0.75 - 16) mm², Main cables 2 x (0.75 - 10) mm², Main cables
TERMINAL CAPACITY (SOLID/STRANDED AWG)	Single 18 - 6, double 18 - 8, Main cables 18 - 14, Control circuit cables
TIGHTENING TORQUE	1.2 Nm, Screw terminals, Control circuit cables 3.2 Nm, Screw terminals, Main cables
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX	0 V
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN	0 V
RATED INSULATION VOLTAGE (UI)	690 V
RATED MAKING CAPACITY UP TO 690 V (COS PHI TO IEC/EN 60947)	350 A
RATED OPERATIONAL CURRENT (IE) AT AC-1, 380 V, 400 V, 415 V	45 A
CURRENT (IE) AT AC-1,	45 A 25 A
CURRENT (IE) AT AC-1, 380 V, 400 V, 415 V RATED OPERATIONAL CURRENT (IE) AT AC-3,	-
CURRENT (IE) AT AC-1, 380 V, 400 V, 415 V RATED OPERATIONAL CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V RATED OPERATIONAL CURRENT (IE) AT AC-3,	25 A

500 V	
RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V	15 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 220 V, 230 V, 240 V	13 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 400 V	13 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 440 V	13 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 500 V	13 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 660 V, 690 V	10 A
RATED OPERATIONAL CURRENT (IE) AT DC-1, 110 V	40 A
RATED OPERATIONAL CURRENT (IE) AT DC-1, 220 V	40 A
RATED OPERATIONAL CURRENT (IE) AT DC-1, 60 V	40 A
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	25 A
RATED OPERATIONAL POWER AT AC-3, 240 V, 50 HZ	8.5 kW
RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ	11 kW
RATED OPERATIONAL POWER AT AC-3, 415 V, 50 HZ	14.5 kW
RATED OPERATIONAL POWER AT AC-4, 220/230 V, 50 HZ	3.5 kW
RATED OPERATIONAL POWER AT AC-4, 240 V, 50 HZ	4 kW
RATED OPERATIONAL POWER AT AC-4, 380/400 V, 50 HZ	6 kW
RATED OPERATIONAL POWER AT AC-4, 415 V, 50 HZ	6.5 kW

RATED OPERATIONAL POWER AT AC-4, 440 V, 50 HZ	7 kW
RATED OPERATIONAL POWER AT AC-4, 500 V, 50 HZ	8 kW
RATED OPERATIONAL POWER AT AC-4, 660/690 V, 50 HZ	8.5 kW
RATED OPERATIONAL POWER (NEMA)	11 kW
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	690 V
RESISTANCE PER POLE	2.7 mΩ
STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS	2.1 W
STRIPPING LENGTH (CONTROL CIRCUIT CABLE)	10 mm
STRIPPING LENGTH (MAIN CABLE)	10 mm
SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX	22 ms
SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MIN	16 ms
SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX	14 ms
SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN	8 ms
SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V	100 A gG/gL
SUITABLE FOR	Also motors with efficiency class IE3
SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V	50 A gG/gL
SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION)	35 A gG/gL

AT 400 V	
SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V	35 A gG/gL
OPERATING TEMPERATURE	-25° to 60°C
CONVENTIONAL THERMAL CURRENT ITH AT 40°C (3-POLE, OPEN)	45 A
CONVENTIONAL THERMAL CURRENT ITH AT 50°C (3-POLE, OPEN)	43 A
CONVENTIONAL THERMAL CURRENT ITH AT 60°C (3-POLE, OPEN)	40 A
RATED OPERATIONAL POWER AT AC-3, 440 V, 50 HZ	15.5 kW
RATED OPERATIONAL POWER AT AC-3, 500 V, 50 HZ	17.5 kW
RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ	14 kW
ACTUATING VOLTAGE	380 V 50/60 Hz
ALTITUDE	Max. 2000 m
OPERATING VOLTAGE AT AC, 50 HZ - MIN	24 V
OPERATING VOLTAGE AT AC, 50 HZ - MAX	690 V
OPERATING VOLTAGE AT AC, 60 HZ - MIN	24 V
OPERATING VOLTAGE AT AC, 60 HZ - MAX	690 V

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	



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