Specifications

Eaton 277011

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 7.5 kW, 1 N/O, 220 V 50/60 Hz, AC operation, Screw terminals DILM17-10(220V50/60HZ)

PRODUCT NAME Eaton Moeller® series DILM contactor CATALOG NUMBER 277011 EAN 4015082770112 PRODUCT LENGTH/DEPTH 97 mm PRODUCT HEIGHT 85 mm PRODUCT WIDTH 45 mm PRODUCT WEIGHT 0.428 kg UL File No.: E29096 CSA Class No.: 2411-03, 3211-04 UL CSA VDE 0660 CSA File No.: 012528 IEC/EN 60947-4-1 CSA-C22.2 No. 60947-4-1 14 CE IEC/EN 60947-4-1 UL Category Control No.: NLDX CATALOG NOTES Contacts according to EN 50012 MODEL CODE DILM17-10(220V50/60HZ)	General Specification	าร
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CSA Class No.: 2411-03, 3211-04 UL CSA VDE 0660 CSA File No.: 012528 IEC/EN 60947-4-1 CSA-C22.2 No. 60947-4-1- 14 CE IEC/EN 60947 UL 60947-4-1 UL Category Control No.: NLDX CATALOG NOTES CSA File No.: 012528 CONTACTS OF THE PROPERTY OF	PRODUCT WEIGHT	0.428 kg
50012	CERTIFICATIONS	CSA Class No.: 2411-03, 3211-04 UL CSA VDE 0660 CSA File No.: 012528 IEC/EN 60947-4-1 CSA-C22.2 No. 60947-4-1- 14 CE IEC/EN 60947 UL 60947-4-1 UL Category Control No.:
MODEL CODE DILM17-10(220V50/60HZ)	CATALOG NOTES	_
	MODEL CODE	DILM17-10(220V50/60HZ)



ELECTRICAL CONNECTION TYPE FOR AUXILIARY- AND CONTROL-CURRENT CIRCUIT NUMBER OF POLES VOLTAGE RATING 10.10 TEMPERATURE RISE 10.11 SHORT-CIRCUIT RATING 10.12 ELECTROMAGNETIC COMPATIBILITY 10.13 MECHANICAL FUNCTION 10.2.2 CORROSION RESISTANCE 10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES 10.2.3.2 VERIFICATION OF TINSULATING MATERIALS TO NORMAL HEAT 10.2.3.3 RESIST. OF INSULATING MATERIALS TO NORMAL HEAT 10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION 10.2.5 LIFTING Does not apply, since the entire switchgear needs to be evaluated. 10.2.6 MECHANICAL Does not apply, since the entire switchgear needs to be evaluated. 10.2.6 MECHANICAL Does not apply, since the entire switchgear needs to be evaluated.	Product specification	S
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10.2.6 MECHANICAL Does not apply, since the	10.2.5 LIFTING	entire switchgear needs to
	10.2.6 MECHANICAL	Does not apply, since the

Resources	
CATALOGUES	eaton-product-overview- for-machinery-catalogue- ca08103003zen-en-us.pdf
	SmartWire-DT Catalog
	Product Range Catalog Switching and protecting motors
	eaton-contactors-switch- dilm-characteristic- curve.eps
CHARACTERISTIC CURVE	eaton-contactors- component-dilm- characteristic-curve- 003.eps
	eaton-contactors-switch- dilm-characteristic-curve- 002.eps
DECLARATIONS OF	<u>DA-DC-00004783.pdf</u>
CONFORMITY	DA-DC-00004816.pdf
	<u>eaton-contactors-</u> <u>dimensions-210t014.eps</u>
	eaton-contactors-contact- dimensions-210x202.eps
	eaton-contactors- mounting-dilm- dimensions.eps
DRAWINGS	eaton-contactors- mounting-dilm- dimensions-002.eps
	eaton-contactors-dilm-3d-drawing-009.eps
	eaton-general-ie-ready- dilm-contactor- standards.eps
ECAD MODEL	ETN.277011.edz
INSTALLATION INSTRUCTIONS	IL03407014Z2021 09.pdf
INSTALLATION VIDEOS	WIN-WIN with push-in technology
MCAD MODEL	DA-CD-dil m17 38
	DA-CS-dil m17 38

IMPACT	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.
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	ls the panel builder's responsibility.
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	ls the panel builder's responsibility.
10.9.2 POWER- FREQUENCY ELECTRIC STRENGTH	ls the panel builder's responsibility.
10.9.3 IMPULSE WITHSTAND VOLTAGE	ls the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	ls the panel builder's responsibility.
FREQUENCY RATING	50-60 Hz
OPERATING FREQUENCY	5000 mechanical Operations/h (AC operated)
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
CONNECTION TO SMARTWIRE-DT	No
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	8000 V AC
UTILIZATION CATEGORY	AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-3: Normal AC induction motors: starting, switch off during running AC-4: Normal AC induction motors: starting, plugging,

SYSTEM OVERVIEW	eaton-contactors-dilm- contactor-system- overview.eps
WIRING DIAGRAMS	eaton-contactors-contact- dilm-wiring-diagram.eps

	reversing, inching
CONNECTION	Screw terminals
FRAME SIZE	FS2
AMBIENT OPERATING TEMPERATURE - MAX	60 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
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
ASSIGNED MOTOR POWER AT 115/120 V, 60 HZ, 1-PHASE	2 HP
ASSIGNED MOTOR POWER AT 200/208 V, 60 HZ, 3-PHASE	5 HP
ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 1-PHASE	3 HP
ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 3-PHASE	5 HP
ASSIGNED MOTOR POWER AT 460/480 V, 60 HZ, 3-PHASE	10 HP
ASSIGNED MOTOR POWER AT 575/600 V, 60 HZ, 3-PHASE	15 HP
CONVENTIONAL THERMAL CURRENT ITH (1-POLE, ENCLOSED)	80 A
CONVENTIONAL THERMAL CURRENT ITH (3-POLE, ENCLOSED)	32 A
CONVENTIONAL THERMAL CURRENT ITH AT 55°C (3-POLE, OPEN)	37 A
CONVENTIONAL THERMAL CURRENT ITH OF MAIN CONTACTS (1- POLE, OPEN)	88 A
EQUIPMENT HEAT	2.1 W

DISSIPATION, CURRENT- DEPENDENT PVID	
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID	0.7 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	2, Terminal screw, Pozidriv screwdriver 0.8 x 5.5/1 x 6 mm, Terminal screw, Standard screwdriver
VOLTAGE TYPE	AC
DEGREE OF PROTECTION	IP00
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	1
NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT	0
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	1
NUMBER OF MAIN CONTACTS (NORMALLY OPEN CONTACT)	3
RATED BREAKING CAPACITY AT 220/230 V	170 A
RATED BREAKING CAPACITY AT 380/400 V	170 A
RATED BREAKING CAPACITY AT 500 V	170 A
CAPACITY AT 500 V	

RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIAX 220 V RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN 220 V RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX 220 V RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN 220 V CONTACT CONFIGURATION 1 NO DROP-OUT VOLTAGE 1 NO OVERVOLTAGE CATEGORY III DUTY FACTOR 100 % EMITTED INTERFERENCE According to EN 60947-1 INTERFERENCE MMUNITY 10,000,000 Operations (AC) operated) 7,000,000 Operations (Coil 50/60 Hz) POWER CONSUMPTION, PICK-UP, 50 HZ 58 VA, Dual-frequency coil in a cold state and 1.0 x Us 10 and contacts, According to EN 61140 440 V AC, Between the contacts, According to EN 61140 440 V AC, Between coil and contacts, According to EN 61140 440 V AC, Between coil and contacts, According to EN 61140 58 VA, Dual-frequency coil in a cold state and 1.0 x Us 10 EN 61140 58 VA, Dual-frequency coil in a cold state and 1.0 x Us 10 EN 61140 58 VA, Dual-frequency coil in a cold state and 1.0 x Us 10 EN 61140 58 VA, Dual-frequency coil in a cold state and 1.0 x Us 10 EN 61140 61 VA US 10 EN		
VOLTAGE (US) AT AC, 50 HZ - MIN 220 V RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX 220 V RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN 220 V CONTACT CONFIGURATION 1 NO DROP-OUT VOLTAGE CATEGORY III DUTY FACTOR 100 % EMITTED INTERFERENCE IMMUNITY According to EN 60947-1 INTERFERENCE IMMUNITY According to EN 60947-1 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 SAFE ISOLATION 440 V AC, Between the contacts, According to EN 61140 440 V AC, Between coil and contacts, According to EN 61140 440 V AC, Between coil and contacts, According to EN 61140 440 V AC, Between coil and contacts, According to EN 61140 450 V AC, Between coil and contacts, According to EN 61140 450 V AC, Between coil and contacts, According to EN 61140 550 V AC, Between coil and contacts, According to EN 61140 550 V AC, Between coil and contacts, According to EN 61140 550 V AC, Between coil and contacts, According to EN 61140 550 V AC, Between coil and contacts, According to EN 61140 550 V AC, Between coil and contacts, According to EN 61140 550 V AC, Between coil and contacts, According to EN 61140 550 V AC, Between coil and contacts, According to EN 61140 550 V AC, Between coil and contacts, According to EN 61140 550 V AC, Between coil and contacts, According to EN 61140 550 V AC, Between coil and contacts, According to EN 61140 550 V AC, Between coil and contacts, According to EN 61140 550 V AC, Between coil and contacts, Acc	VOLTAGE (US) AT AC, 50	220 V
VOLTAGE (US) AT AC, 60 HZ - MAX220 VRATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN220 VCONTACT CONFIGURATION1 NODROP-OUT VOLTAGEAC operated: 0.6 - 0.3 x UC, AC operatedOVERVOLTAGE CATEGORYIIIDUTY FACTOR100 %EMITTED INTERFERENCE IMMUNITYAccording to EN 60947-1LIFESPAN, MECHANICAL INTERFERENCE IMMUNITY10,000,000 Operations (AC operated) 7,000,000 Operations (Coil 50/60 Hz)PICK-UP VOLTAGE0.8 - 1.1 V AC x UcPOWER CONSUMPTION, PICK-UP, 50 HZ58 VA, Dual-frequency coil in a cold state and 1.0 x UsSAFE ISOLATION62 VA, Dual-frequency coil and contacts, According to EN 61140 440 V AC, Between the contacts, According to EN 61140 440 V AC, Between coil and contacts, According to EN 61140POWER CONSUMPTION, PICK-UP, 60 HZ62 VA, Dual-frequency coil in a cold state and 1.0 x UsSCREW SIZEM5, Terminal screw, Main cables M3.5, Terminal screw, Control circuit cablesPOWER CONSUMPTION, SEALING, 50 HZ2.1 W, Dual-frequency coil in a cold state and 1.0 x Us	VOLTAGE (US) AT AC, 50	220 V
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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 62 VA, Dual-frequency coil in a cold state and 1.0 x Us 440 V AC, Between the contacts, According to EN 61140 440 V AC, Between coil and contacts, According to EN 61140 POWER CONSUMPTION, 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 100 W N	DROP-OUT VOLTAGE	•
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INTERFERENCE IMMUNITY According to EN 60947-1 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 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 440 V AC, Between the contacts, According to EN 61140 440 V AC, Between coil and contacts, According to EN 61140 440 V AC, Between coil in a cold state and 1.0 x Us POWER CONSUMPTION, PICK-UP, 60 HZ SCREW SIZE M5, Terminal screw, Main cables M3.5, Terminal screw, Control circuit cables POWER CONSUMPTION, SEALING, 50 HZ 10,000,000 Operations (AC operated) 7,000,000 Operated) 10 40 V AC x Between the contacts, According to EN 61140 440 V AC, Between coil and contacts, According to EN 61140 440 V AC, Between the contacts, According to EN 61140 440 V AC, Between coil and contacts, According to EN 61140 440 V AC, Between the contacts, According to EN 61140 440 V AC, Between the contacts, According to EN 61140 440 V AC, Between the contacts, According to EN 61140 440 V AC, Between the contacts, According to EN 61140 440 V AC, Between the contacts, According to EN 61140 440 V AC, Between the contacts, According to EN 61140 440 V AC, Between the contacts, According to EN 61140 440 V AC, Between the contacts, According to EN 61140 440 V AC, Between the contacts	DUTY FACTOR	100 %
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SEALING, 50 HZ in a cold state and 1.0 x Us	SCREW SIZE	cables M3.5, Terminal screw,
POWER CONSUMPTION, 2.1 W, Dual-frequency coil		
	DOWED CONCUMPTION	2.1 W. Dual-frequency coil

SEALING, 60 HZ	in a cold state and 1.0 x Us
	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
SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE)	10 A, 600 V AC, (UL/CSA) 1 A, 250 V DC, (UL/CSA)
SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY)	P300, DC operated (UL/CSA) A600, AC operated (UL/CSA)
TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)	2 x (0.75 - 10) mm², Main cables 2 x (0.75 - 2.5) mm², Control circuit cables 1 x (0.75 - 16) mm², Main cables 1 x (0.75 - 2.5) mm², Control circuit cables
SHOCK RESISTANCE	5.3 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletopmounted, Half-sinusoidal shock 10 ms 10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms 5 g, N/C auxiliary 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, Half-sinusoidal shock 10 ms 3.5 g, N/C 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, Half-sinusoidal shock 10 ms

TERMINAL CAPACITY (SOLID)	2 x (0.75 - 10) mm², Main cables 1 x (0.75 - 16) mm², Main cables 1 x (0.75 - 4) mm², Control circuit cables 2 x (0.75 - 2.5) mm², Control circuit cables
TERMINAL CAPACITY (SOLID/STRANDED AWG)	18 - 14, Control circuit cables Single 18 - 6, double 18 - 8, Main cables
SWITCHING CAPACITY (MAIN CONTACTS, GENERAL USE)	40 A, Maximum motor rating (UL/CSA)
POWER CONSUMPTION	7.5 kW
TIGHTENING TORQUE	3.2 Nm, Screw terminals,Main cables1.2 Nm, Screw terminals,Control circuit 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)	238 A
RATED OPERATIONAL CURRENT (IE) AT AC-1, 380 V, 400 V, 415 V	40 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V	18 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V	18 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 440 V	18 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V	18 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V	12 A

RATED OPERATIONAL CURRENT (IE) AT AC-4, 220 V, 230 V, 240 V	10 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 400 V	10 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 440 V	10 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 500 V	10 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 660 V, 690 V	8 A
RATED OPERATIONAL CURRENT (IE) AT DC-1, 110 V	35 A
RATED OPERATIONAL CURRENT (IE) AT DC-1, 220 V	35 A
RATED OPERATIONAL CURRENT (IE) AT DC-1, 60 V	35 A
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	18 A
RATED OPERATIONAL POWER AT AC-3, 240 V, 50 HZ	5.5 kW
RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ	7.5 kW
RATED OPERATIONAL POWER AT AC-3, 415 V, 50 HZ	10 kW
RATED OPERATIONAL POWER AT AC-4, 220/230 V, 50 HZ	2.5 kW
RATED OPERATIONAL POWER AT AC-4, 240 V, 50 HZ	3 kW
RATED OPERATIONAL POWER AT AC-4, 380/400 V, 50 HZ	4.5 kW
RATED OPERATIONAL POWER AT AC-4, 415 V, 50 HZ	5 kW
RATED OPERATIONAL POWER AT AC-4, 440 V, 50	5.5 kW

6 kW
6.5 kW
7.4 kW
690 V
2.7 mΩ
2.1 W
10 mm
10 mm
22 ms
16 ms
14 ms
8 ms
125 A, max. CB, SCCR (UL/CSA) 5 kA, SCCR (UL/CSA) 125 A, max. Fuse, SCCR (UL/CSA)
125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 50/32 A, max. CB, SCCR (UL/CSA) 10/65 kA, CB, SCCR (UL/CSA)

SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V)	10/100 kA, Fuse, SCCR (UL/CSA) 125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 50/32 A, max. CB, SCCR (UL/CSA) 10/22 kA, CB, SCCR (UL/CSA)
SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V	63 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) AT 400 V	35 A gG/gL
SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V	35 A gG/gL
SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE LAMPS	40 A (600V 60Hz 3phase, 347V 60Hz 1phase) 40 A (480V 60Hz 3phase, 277V 60Hz 1phase)
SPECIAL PURPOSE RATING OF DEFINITE PURPOSE RATING	108 A, LRA 480 V 60 Hz 3- ph, 100,000 cycles acc. to UL 1995, (UL/CSA) 18 A, FLA 480 V 60 Hz 3- ph, 100,000 cycles acc. to UL 1995, (UL/CSA)
	11 A, 480 V 60 Hz 3-ph, (UL/CSA)
SPECIAL PURPOSE RATING OF ELEVATOR CONTROL	11 A, 600 V 60 Hz 3-ph, (UL/CSA) 11 A, 200 V 60 Hz 3-ph, (UL/CSA) 3 HP, 200 V 60 Hz 3-ph, (UL/CSA) 9.6 A, 240 V 60 Hz 3-ph, (UL/CSA) 3 HP, 240 V 60 Hz 3-ph, (UL/CSA) 7.5 HP, 480 V 60 Hz 3-ph, (UL/CSA) 10 HP, 600 V 60 Hz 3-ph, (UL/CSA)

RATING OF REFRIGERATION CONTROL (CSA ONLY) SPECIAL PURPOSE RATING OF RESISTANCE AIR HEATING	3phase; (CSA) 40 A, FLA 480 V 60 Hz 3phase; (CSA) 30 A, FLA 600 V 60 Hz 3phase; (CSA) 240 A, LRA 480 V 60 Hz 3phase; (CSA) 40 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA) 40 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA)
SPECIAL PURPOSE RATING OF TUNGSTEN INCANDESCENT LAMPS	40 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA) 40 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA)
CONVENTIONAL THERMAL CURRENT ITH AT 40°C (3-POLE, OPEN)	40 A
CONVENTIONAL THERMAL CURRENT ITH AT 50°C (3-POLE, OPEN)	38 A
CONVENTIONAL THERMAL CURRENT ITH AT 60°C (3-POLE, OPEN)	35 A
RATED OPERATIONAL POWER AT AC-3, 440 V, 50 HZ	10.5 kW
RATED OPERATIONAL POWER AT AC-3, 500 V, 50 HZ	12 kW
RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ	11 kW
ACTUATING VOLTAGE	220 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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