Specifications

Photo is representative

Eaton 277845

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 22 kW, RDC 60: 48 - 60 V DC, DC operation, Screw terminals

General specifications	
PRODUCT NAME Eaton Moeller® serie DILM contactor	S
CATALOG NUMBER 277845	
MODEL CODE DILM50(RDC60)	
EAN 4015082778453	
PRODUCT LENGTH/DEPTH 132.1 mm	
PRODUCT HEIGHT 115 mm	
PRODUCT WIDTH 55 mm	
PRODUCT WEIGHT 1.052 kg	
CE UL Category Control (NLDX CSA Class No.: 2411-0 3211-04 UL VDE 0660 CERTIFICATIONS CSA IEC/EN 60947 IEC/EN 60947-4-1 CSA-C22.2 No. 60947 14 UL File No.: E29096 UL 60947-4-1	03,
CSA File No.: 012528	
01000.7.1.	EN



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NUMBER OF POLES	Three-pole
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.

Resources eaton-product-overview for-machinery-catalog ca08103003zen-en-us
Product Range Catalog Switching and protects motors eaton-contactors- component-dilm- characteristic-curve- 003.eps eaton-contactors-switc dilm-characteristic-cur 002.eps eaton-contactors-switc dilm-characteristic- curve.eps eaton-contactors-short time-loading-dilm- characteristic-curve.ep DA-DC-00004782.pdf DA-DC-00004817.pdf eaton-contactors-dilm dimensions-002.eps eaton-contactors-dilm dimensions-012.eps eaton-contactors- mounting-dilm- dimensions-002.eps
Switching and protection motors eaton-contactors-component-dilm-characteristic-curve-003.eps eaton-contactors-switt dilm-characteristic-cur 002.eps eaton-contactors-switt dilm-characteristic-curve.eps eaton-contactors-switt dilm-characteristic-curve.eps eaton-contactors-short time-loading-dilm-characteristic-curve.ep DECLARATIONS OF CONFORMITY DA-DC-00004782.pdf DA-DC-00004782.pdf eaton-contactors-dilm dimensions-002.eps eaton-contactors-dilm dimensions-012.eps eaton-contactors-mounting-dilm-dimensions-002.eps
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DRAWINGS eaton-contactors- mounting-dilm- dimensions.eps
<u>eaton-contactors-dilm</u> <u>drawing-011.eps</u>
eaton-contactors- mounting-dilm-3d- drawing.eps
<u>eaton-general-ie-ready</u> <u>dilm-contactor-</u> <u>standards.eps</u>
ECAD MODEL ETN.277845.edz
INSTALLATION INSTRUCTIONS

ASSEMBLIES	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	Is the panel builder's responsibility.
10.9.2 POWER- FREQUENCY ELECTRIC STRENGTH	Is 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.
FITTED WITH:	Suppressor circuit in actuating electronics
OPERATING FREQUENCY	5000 mechanical Operations/h (DC 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	No
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	8000 V AC
UTILIZATION CATEGORY	AC-3: Normal AC induction motors: starting, switch off during running AC-4: Normal AC induction motors: starting, plugging, reversing, inching AC-1: Non-inductive or slightly inductive loads, resistance furnaces
	Screw terminals
CONNECTION	Screw terminals
FRAME SIZE	FS3

INSTALLATION VIDEOS	WIN-WIN with push-in technology
	dil m40 65 22.dwg
	DA-CD-dil m40_72
MCAD MODEL	DA-CS-dil m40
	DA-CS-dil m40 72
	dil_m40_65_22.stp
SYSTEM OVERVIEW	<u>eaton-contactors-dilm-</u> <u>contactor-system-</u> <u>overview.eps</u>
WIRING DIAGRAMS	eaton-contactors-contact- dilm-wiring-diagram- 003.eps

AMBIENT OPERATING TEMPERATURE - MIN -25 °C	
TENNI EIGTI GITE IVIIIT	
AMBIENT OPERATING TEMPERATURE 40 °C (ENCLOSED) - MAX	
AMBIENT OPERATING TEMPERATURE -25 °C (ENCLOSED) - MIN	
AMBIENT STORAGE TEMPERATURE - MAX 80 °C	
AMBIENT STORAGE TEMPERATURE - MIN	
ASSIGNED MOTOR POWER AT 115/120 V, 60 3 HP HZ, 1-PHASE	
ASSIGNED MOTOR POWER AT 200/208 V, 60 15 HP HZ, 3-PHASE	
ASSIGNED MOTOR POWER AT 230/240 V, 60 10 HP HZ, 1-PHASE	
ASSIGNED MOTOR POWER AT 230/240 V, 60 20 HP HZ, 3-PHASE	
ASSIGNED MOTOR POWER AT 460/480 V, 60 40 HP HZ, 3-PHASE	
ASSIGNED MOTOR POWER AT 575/600 V, 60 50 HP HZ, 3-PHASE	
CONVENTIONAL THERMAL CURRENT ITH 145 A (1-POLE, ENCLOSED)	
CONVENTIONAL THERMAL CURRENT ITH 58 A (3-POLE, ENCLOSED)	
CONVENTIONAL THERMAL CURRENT ITH 68 A AT 55°C (3-POLE, OPEN)	
CONVENTIONAL THERMAL CURRENT ITH OF MAIN CONTACTS (1- POLE, OPEN)	
EQUIPMENT HEAT DISSIPATION, CURRENT- 9.9 W DEPENDENT PVID	
HEAT DISSIPATION CAPACITY PDISS 0 W	
CAPACITY PDISS	

HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID	3.3 W
SWITCHING TIME (DC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX	54 ms
SWITCHING TIME (DC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX	24 ms
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	DC
DEGREE OF PROTECTION	IP00
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY	0
OPEN CONTACTS)	
OPEN CONTACTS) NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT	0
NUMBER OF CONTACTS (NORMALLY CLOSED) AS	0
NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT NUMBER OF MAIN CONTACTS (NORMALLY	-
NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT NUMBER OF MAIN CONTACTS (NORMALLY OPEN CONTACT) POWER CONSUMPTION	3
NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT NUMBER OF MAIN CONTACTS (NORMALLY OPEN CONTACT) POWER CONSUMPTION (PICK-UP) AT DC POWER CONSUMPTION	3 24 W

RATED BREAKING CAPACITY AT 500 V	500 A
RATED BREAKING CAPACITY AT 660/690 V	320 A
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	0 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	0 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	0 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	0 V
DROP-OUT VOLTAGE	At least smoothed two- phase bridge rectifier or three-phase rectifier 0.6 - 0.15 x UC, DC 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 (DC operated)
PICK-UP VOLTAGE	48 - 60 V DC (RDC 60) 0.7 - 1.2 V DC x Uc
SAFE ISOLATION	440 V AC, Between the contacts, According to EN 61140 440 V AC, Between coil and contacts, According to EN 61140
SCREW SIZE	M3.5, Terminal screw, Control circuit cables M6, Terminal screw, Main cables
TERMINAL CAPACITY (STRANDED)	1 x (16 - 50) mm ² , Main cables 2 x (16 - 35) mm ² , Main cables
TERMINAL CAPACITY (COPPER BAND)	2 x (6 x 9 x 0.8) mm (Number of segments x width x thickness), Main cables
TERMINAL CAPACITY	1 x (0.75 - 2.5) mm ² ,

(FLEXIBLE WITH FERRULE)	Control circuit cables 2 x (0.75 - 2.5) mm², Control circuit cables 1 x (0.75 - 35) mm², Main cables 2 x (0.75 - 25) mm², Main cables
SHOCK RESISTANCE	7 g, N/O 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 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 7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, 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 when tabletop-mounted, Half-sinusoidal shock 10 ms 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms
TERMINAL CAPACITY (SOLID)	1 x (0.75 - 16) mm², Main cables 2 x (0.75 - 16) mm², Main cables 2 x (0.75 - 2.5) mm², Control circuit cables 1 x (0.75 - 4) mm², Control circuit cables
TERMINAL CAPACITY (SOLID/STRANDED AWG)	18 - 14, Control circuit cables Single 14 - 1, double 14 - 2, Main cables
SWITCHING CAPACITY (MAIN CONTACTS, GENERAL USE)	80 A, Maximum motor rating (UL/CSA)
TIGHTENING TORQUE	3.3 Nm, Screw terminals, Main cables 1.2 Nm, Screw terminals, Control circuit cables
RATED CONTROL SUPPLY	60 V

VOLTAGE (US) AT DC - MAX	
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN	48 V
RATED INSULATION VOLTAGE (UI)	690 V
RATED MAKING CAPACITY UP TO 690 V (COS PHI TO IEC/EN 60947)	700 A
RATED OPERATIONAL CURRENT (IE) AT AC-1, 380 V, 400 V, 415 V	80 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V	50 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V	50 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 440 V	50 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V	50 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V	32 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 220 V, 230 V, 240 V	21 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 400 V	21 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 440 V	21 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 500 V	21 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 660 V, 690 V	17 A
RATED OPERATIONAL CURRENT (IE) AT DC-1, 110 V	50 A
RATED OPERATIONAL CURRENT (IE) AT DC-1, 220 V	45 A

RATED OPERATIONAL CURRENT (IE) AT DC-1, 60 V	60 A
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	50 A
RATED OPERATIONAL POWER AT AC-3, 240 V, 50 HZ	17 kW
RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ	22 kW
RATED OPERATIONAL POWER AT AC-3, 415 V, 50 HZ	30 kW
RATED OPERATIONAL POWER AT AC-4, 220/230 V, 50 HZ	6 kW
RATED OPERATIONAL POWER AT AC-4, 240 V, 50 HZ	6.5 kW
RATED OPERATIONAL POWER AT AC-4, 380/400 V, 50 HZ	10 kW
RATED OPERATIONAL POWER AT AC-4, 415 V, 50 HZ	11 kW
RATED OPERATIONAL POWER AT AC-4, 440 V, 50 HZ	12 kW
RATED OPERATIONAL POWER AT AC-4, 500 V, 50 HZ	13 kW
RATED OPERATIONAL POWER AT AC-4, 660/690 V, 50 HZ	14 kW
RATED OPERATIONAL POWER (NEMA)	29.8 kW
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	690 V
RESISTANCE PER POLE	1.9 mΩ
STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS	1 W
STRIPPING LENGTH (CONTROL CIRCUIT CABLE)	10 mm
STRIPPING LENGTH	14 mm

(MAIN CABLE)	
SHORT-CIRCUIT CURRENT RATING (BASIC RATING)	10 kA, SCCR (UL/CSA) 250 A, max. Fuse, SCCR (UL/CSA) 250 A, max. CB, SCCR (UL/CSA)
SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V)	30/100 kA, Fuse, SCCR (UL/CSA) 250/150 A, Class J, max. Fuse, SCCR (UL/CSA) 65 kA, CB, SCCR (UL/CSA) 100 A, max. CB, SCCR (UL/CSA)
SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V)	30/100 kA, Fuse, SCCR (UL/CSA) 30 kA, CB, SCCR (UL/CSA) 250/150 A, Class J, max. Fuse, SCCR (UL/CSA) 250 A, max. CB, SCCR (UL/CSA)
SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V	160 A gG/gL
SUITABLE FOR	Also motors with efficiency class IE3
SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V	80 A gG/gL
SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V	80 A gG/gL
SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V	63 A gG/gL
SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE LAMPS	79 A (480V 60Hz 3phase, 277V 60Hz 1phase) 79 A (600V 60Hz 3phase, 347V 60Hz 1phase)
SPECIAL PURPOSE RATING OF ELEVATOR CONTROL	32.2 A, 200 V 60 Hz 3-ph, (UL/CSA) 30 HP, 480 V 60 Hz 3-ph, (UL/CSA) 40 HP, 600 V 60 Hz 3-ph, (UL/CSA) 15 HP, 240 V 60 Hz 3-ph, (UL/CSA) 42 A, 240 V 60 Hz 3-ph, (UL/CSA) 41 A, 600 V 60 Hz 3-ph,

CONVENTIONAL THERMAL CURRENT ITH AT 50°C (3-POLE, OPEN) CONVENTIONAL THERMAL CURRENT ITH AT 60°C (3-POLE, OPEN) RATED OPERATIONAL POWER AT AC-3, 440 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 500 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ ACTUATING VOLTAGE ALTITUDE OPERATING VOLTAGE AT AC, 50 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MIN		
SPECIAL PURPOSE RATING OF RESISTANCE AIR HEATING SPECIAL PURPOSE RATING OF RESISTANCE AIR HEATING SPECIAL PURPOSE RATING OF TUNGSTEN INCANDESCENT LAMPS SPECIAL PURPOSE RATING OF TUNGSTEN INCANDESCENT LAMPS CONVENTIONAL THERMAL CURRENT ITH AT 40°C (3-POLE, OPEN) CONVENTIONAL THERMAL CURRENT ITH AT 50°C (3-POLE, OPEN) CONVENTIONAL THERMAL CURRENT ITH AT 60°C (3-POLE, OPEN) CONVENTIONAL THERMAL CURRENT ITH AT 60°C (3-POLE, OPEN) RATED OPERATIONAL POWER AT AC-3, 440 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 500 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ RATED OPERATING VOLTAGE AT AC, 50 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE		10 HP, 200 V 60 Hz 3-ph, (UL/CSA) 40 A, 480 V 60 Hz 3-ph,
SPECIAL PURPOSE RATING OF TUNGSTEN INCANDESCENT LAMPS CONVENTIONAL THERMAL CURRENT ITH AT 40°C (3-POLE, OPEN) CONVENTIONAL THERMAL CURRENT ITH AT 50°C (3-POLE, OPEN) CONVENTIONAL THERMAL CURRENT ITH AT 60°C (3-POLE, OPEN) CONVENTIONAL THERMAL CURRENT ITH AT 60°C (3-POLE, OPEN) RATED OPERATIONAL POWER AT AC-3, 440 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 590 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ ACTUATING VOLTAGE AT AC, 50 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MAX	RATING OF RESISTANCE	347 V 60 Hz 1phase, (UL/CSA) 79 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase,
THERMAL CURRENT ITH AT 40°C (3-POLE, OPEN) CONVENTIONAL THERMAL CURRENT ITH 71 A AT 50°C (3-POLE, OPEN) CONVENTIONAL THERMAL CURRENT ITH 65 A AT 60°C (3-POLE, OPEN) RATED OPERATIONAL POWER AT AC-3, 440 V, 50 32 kW HZ RATED OPERATIONAL POWER AT AC-3, 500 V, 50 48 kW HZ RATED OPERATIONAL POWER AT AC-3, 690 V, 50 48 kW HZ ACTUATING VOLTAGE RDC 60: 48 - 60 V DC ALTITUDE Max. 2000 m OPERATING VOLTAGE AT AC, 50 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE AT AC, 60 V DC	RATING OF TUNGSTEN	277 V 60 Hz 1phase, (UL/CSA) 74 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase,
THERMAL CURRENT ITH AT 50°C (3-POLE, OPEN) CONVENTIONAL THERMAL CURRENT ITH AT 60°C (3-POLE, OPEN) RATED OPERATIONAL POWER AT AC-3, 440 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 500 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ ACTUATING VOLTAGE ACTUATING VOLTAGE AT AC, 50 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE AT AC, 60 V		80 A
THERMAL CURRENT ITH AT 60°C (3-POLE, OPEN) RATED OPERATIONAL POWER AT AC-3, 440 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 500 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ ACTUATING VOLTAGE RDC 60: 48 - 60 V DC ALTITUDE Max. 2000 m OPERATING VOLTAGE AT AC, 50 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE AT AC, 60 V		71 A
POWER AT AC-3, 440 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 500 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ ACTUATING VOLTAGE RDC 60: 48 - 60 V DC ALTITUDE Max. 2000 m OPERATING VOLTAGE AT AC, 50 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE AT DC - MIN		65 A
POWER AT AC-3, 500 V, 50 HZ RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ ACTUATING VOLTAGE ACTUATING VOLTAGE Max. 2000 m OPERATING VOLTAGE AT AC, 50 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE AT AC, 60 V	POWER AT AC-3, 440 V, 50	32 kW
POWER AT AC-3, 690 V, 50 HZ ACTUATING VOLTAGE RDC 60: 48 - 60 V DC ALTITUDE Max. 2000 m OPERATING VOLTAGE AT AC, 50 HZ - MIN OPERATING VOLTAGE AT AC, 50 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE AT 60 V	POWER AT AC-3, 500 V, 50	36 kW
ALTITUDE Max. 2000 m OPERATING VOLTAGE AT AC, 50 HZ - MIN OPERATING VOLTAGE AT AC, 50 HZ - MAX OPERATING VOLTAGE AT AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE AT DC - MIN OPERATING VOLTAGE AT 60 V	POWER AT AC-3, 690 V, 50	30 kW
OPERATING VOLTAGE AT AC, 50 HZ - MIN OPERATING VOLTAGE AT AC, 50 HZ - MAX OPERATING VOLTAGE AT AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE AT DC - MIN OPERATING VOLTAGE AT 60 V	ACTUATING VOLTAGE	RDC 60: 48 - 60 V DC
AC, 50 HZ - MIN OPERATING VOLTAGE AT AC, 50 HZ - MAX OPERATING VOLTAGE AT AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE AT DC - MIN OPERATING VOLTAGE AT 60 V	ALTITUDE	Max. 2000 m
AC, 50 HZ - MAX OPERATING VOLTAGE AT AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE AT DC - MIN OPERATING VOLTAGE AT 60 V	OPERATING VOLTAGE AT AC, 50 HZ - MIN	230 V
AC, 60 HZ - MIN OPERATING VOLTAGE AT AC, 60 HZ - MAX OPERATING VOLTAGE AT DC - MIN OPERATING VOLTAGE AT 60 V	OPERATING VOLTAGE AT AC, 50 HZ - MAX	690 V
AC, 60 HZ - MAX OPERATING VOLTAGE AT DC - MIN OPERATING VOLTAGE AT 60 V	OPERATING VOLTAGE AT AC, 60 HZ - MIN	230 V
DC - MIN OPERATING VOLTAGE AT 60 V	OPERATING VOLTAGE AT AC, 60 HZ - MAX	690 V
60 V		48 V
		60 V

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	



Eaton Corporation plc

Eaton House 30 Pembroke Road Dublin 4, Ireland Eaton.com

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