Specifications



Photo is representative





Eaton 277108

Eaton Moeller® series DILM Contactor, 380 V 400 V 7.5 kW, 3 N/O, 2 NC, 230 V 50/60 Hz, AC operation, Screw terminals

General specification	ons
PRODUCT NAME	Eaton Moeller® series DILM contactor
CATALOG NUMBER	277108
MODEL CODE	DILM17-32(230V50/60HZ)
EAN	4015082771089
PRODUCT LENGTH/DEPTH	138 mm
PRODUCT HEIGHT	85 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.493 kg
CERTIFICATIONS	CSA Class No.: 2411-03, 3211-04 CSA CSA File No.: 012528 CSA-C22.2 No. 14-05 VDE 0660 CE UL 508 IEC/EN 60947-4-1 UL Category Control No.: NLDX IEC/EN 60947 UL
CATALOG NOTES	Contacts according to EN 50012
GLOBAL CATALOG	277108



Product specification	S	Resources	
ELECTRICAL CONNECTION TYPE FOR AUXILIARY- AND CONTROL-CURRENT	Screw connection		eaton-product-overview- for-machinery-catalogue- ca08103003zen-en-us.pdf
CIRCUIT		CATALOGS	SmartWire-DT Catalog
NUMBER OF POLES	Three-pole		Product Range Catalog
	The panel builder is responsible for the		Switching and protecting motors
10.10 TEMPERATURE RISE	temperature rise calculation. Eaton will provide heat dissipation data for the devices.		eaton-contactors-switch- dilm-characteristic- curve.eps
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications for the switchgear must be	CHARACTERISTIC CURVE	eaton-contactors-short- time-loading-dilm- characteristic-curve.eps
	observed. Is the panel builder's responsibility. The		component-dilm- characteristic-curve- 003.eps
10.12 ELECTROMAGNETIC COMPATIBILITY	specifications for the switchgear must be observed.		eaton-contactors-switch- dilm-characteristic-curve- 002.eps
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.	DECLARATIONS OF CONFORMITY	eaton-contactor- declaration-of-conformity- eu250735en.pdf
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.		eaton-contactor- declaration-of-conformity- uk251218en.pdf
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.	dimensio eaton-col mounting	eaton-contactors-contact- dimensions-210x202.eps
10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS	Meets the product standard's requirements.		mounting-dilm- dimensions.eps
TO NORMAL HEAT			eaton-contactors- mounting-dilm-
10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Meets the product standard's requirements.	eat din	dimensions-002.eps eaton-contactors- dimensions-210t014.eps
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Meets the product standard's requirements.		eaton-general-ie-ready- dilm-contactor- standards.eps
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to		eaton-contactors-contact- dilm-3d-drawing-002.eps
	be evaluated.	ECAD MODEL	ETN.277108.edz
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be evaluated.	INSTALLATION INSTRUCTIONS	IL03407044Z
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.	INSTALLATION VIDEOS	WIN-WIN with push-in technology

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.
FITTED WITH:	Mirror contact
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
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	60068-2-30 Damp heat, constant, to
RATED IMPULSE WITHSTAND VOLTAGE	60068-2-30 Damp heat, constant, to IEC 60068-2-78
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	60068-2-30 Damp heat, constant, to IEC 60068-2-78 8000 V AC AC-4: Normal AC induction motors: starting, plugging, reversing, inching AC-3: Normal AC induction motors: starting, switch off during running AC-1: Non-inductive or slightly inductive loads,
RATED IMPULSE WITHSTAND VOLTAGE (UIMP) UTILIZATION CATEGORY	60068-2-30 Damp heat, constant, to IEC 60068-2-78 8000 V AC AC-4: Normal AC induction motors: starting, plugging, reversing, inching AC-3: Normal AC induction motors: starting, switch off during running AC-1: Non-inductive or slightly inductive loads, resistance furnaces
RATED IMPULSE WITHSTAND VOLTAGE (UIMP) UTILIZATION CATEGORY CONNECTION AMBIENT OPERATING	60068-2-30 Damp heat, constant, to IEC 60068-2-78 8000 V AC AC-4: Normal AC induction motors: starting, plugging, reversing, inching AC-3: Normal AC induction motors: starting, switch off during running AC-1: Non-inductive or slightly inductive loads, resistance furnaces Screw terminals

MCAD MODEL	DA-CD-dil_m17_38_a_xhi
MCAD MODEL	DA-CS-dil m17 38 a xhi
PEP ECO-PASSPORT	eaton-iec-contactors-pep- eato-00124-v0101-en.pdf
WIRING DIAGRAMS	2100SWI-128

(ENCLOSED) - MAX	
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 DISSIPATION, CURRENT- DEPENDENT PVID	2.1 W
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	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)	2
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	3
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	2
NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT	0
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	3
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
RATED BREAKING CAPACITY AT 660/690 V	120 A
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	230 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	230 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	230 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	230 V

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,	62 VA, Dual-frequency coil in a cold state and 1.0 x Us
PICK-UP, 50 HZ	58 VA , Dual-frequency coil in a cold state and $1.0 \times Us$
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, PICK-UP, 60 HZ	62 VA, Dual-frequency coil in a cold state and 1.0 x Us 58 VA, Dual-frequency coil in a cold state and 1.0 x Us
SCREW SIZE	M3.5, Terminal screw, Control circuit cables M5, Terminal screw, Main cables
POWER CONSUMPTION, SEALING, 50 HZ	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 2.1 W, Dual-frequency coil in a cold state and 1.0 x Us
TERMINAL CAPACITY (STRANDED)	1 x 16 mm², Main cables
SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE)	1 A, 250 V DC, (UL/CSA) 10 A, 600 V AC, (UL/CSA)
SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY)	P300, DC operated (UL/CSA) A600, AC operated (UL/CSA)
TERMINAL CAPACITY	2 x (0.75 - 10) mm², Main

(FLEXIBLE WITH FERRULE)	cables 1 x (0.75 - 16) 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	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, 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 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 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms
TERMINAL CAPACITY (SOLID)	1 x (0.75 - 16) mm², Main cables 2 x (0.75 - 2.5) mm², Control circuit cables 1 x (0.75 - 2.5) mm², Control circuit cables 2 x (0.75 - 10) mm², Main 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)
TIGHTENING TORQUE	1.2 Nm, Screw terminals, Control circuit cables 3.2 Nm, Screw terminals, Main cables
RATED CONTROL SUPPLY VOLTAGE (US) AT DC -	0 V

MAX	
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 HZ	5.5 kW
RATED OPERATIONAL POWER AT AC-4, 500 V, 50 HZ	6 kW
RATED OPERATIONAL POWER AT AC-4, 660/690 V, 50 HZ	6.5 kW
RATED OPERATIONAL POWER (NEMA)	7.4 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 SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN SHORT-CIRCUIT CURRENT RATING (BASIC RATING) SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V) SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V) SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 400 V SUITABLE FOR Also motors with efficiency class IE3 SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 490 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V		
OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN SHORT-CIRCUIT CURRENT RATING (BASIC RATING) SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V) SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V) SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V	OPERATED, MAKE CONTACTS, CLOSING	16 ms
OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN SHORT-CIRCUIT CURRENT RATING (BASIC RATING) SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V) SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V) SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE 5 kA, SCCR (UL/CSA) 125 /A, max. Fuse, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA	OPERATED, MAKE CONTACTS, OPENING	14 ms
SHORT-CIRCUIT CURRENT RATING (BASIC RATING) SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V) SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V) SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE 40 A (480V 60Hz 3phase, 277V 60Hz 1phase) 40 A (600V 60Hz 3phase, 277V 60Hz 1phase)	OPERATED, MAKE CONTACTS, OPENING	8 ms
SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V) SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V) SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 490 V SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE Fuse, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA) 125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA) 125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA) 125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA) 125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 125/70 A, Clas		125 A, max. CB, SCCR (UL/CSA) 125 A, max. Fuse, SCCR
SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V) SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE (UL/CSA) 125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/C	RATING (HIGH FAULT AT	Fuse, SCCR (UL/CSA) 50/32 A, max. CB, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA) 10/65 kA, CB, SCCR
PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V SUITABLE FOR Also motors with efficiency class IE3 SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE 40 A (480V 60Hz 3phase, 277V 60Hz 1phase) 40 A (600V 60Hz 3phase, 40 A (600V 60Hz 4phase) 40 A	RATING (HIGH FAULT AT	(UL/CSA) 50/32 A, max. CB, SCCR (UL/CSA) 125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR
SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE Class IE3 50 A gG/gL 35 A gG/gL 35 A gG/gL 40 A (480V 60Hz 3phase, 277V 60Hz 1phase) 40 A (600V 60Hz 3phase,	PROTECTION RATING (TYPE 1 COORDINATION)	63 A gG/gL
PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE 50 A gG/gL 35 A gG/gL 40 A (480V 60Hz 3phase, 277V 60Hz 1phase) 40 A (600V 60Hz 3phase,	SUITABLE FOR	
PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE 35 A gG/gL 35 A gG/gL 40 A (480V 60Hz 3phase, 277V 60Hz 1phase) 40 A (600V 60Hz 3phase,	PROTECTION RATING (TYPE 1 COORDINATION)	50 A gG/gL
PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE 35 A gG/gL 40 A (480V 60Hz 3phase, 277V 60Hz 1phase) 40 A (600V 60Hz 3phase,	PROTECTION RATING (TYPE 2 COORDINATION)	35 A gG/gL
RATING OF BALLAST 277V 60Hz 1phase) ELECTRICAL DISCHARGE 40 A (600V 60Hz 3phase,	PROTECTION RATING (TYPE 2 COORDINATION)	35 A gG/gL
	RATING OF BALLAST ELECTRICAL DISCHARGE	277V 60Hz 1phase) 40 A (600V 60Hz 3phase,

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)
SPECIAL PURPOSE RATING OF ELEVATOR CONTROL	10 HP, 600 V 60 Hz 3-ph, (UL/CSA) 11 A, 480 V 60 Hz 3-ph, (UL/CSA) 3 HP, 240 V 60 Hz 3-ph, (UL/CSA) 11 A, 600 V 60 Hz 3-ph, (UL/CSA) 3 HP, 200 V 60 Hz 3-ph, (UL/CSA) 7.5 HP, 480 V 60 Hz 3-ph, (UL/CSA) 9.6 A, 240 V 60 Hz 3-ph, (UL/CSA) 11 A, 200 V 60 Hz 3-ph, (UL/CSA)
SPECIAL PURPOSE RATING OF REFRIGERATION CONTROL (CSA ONLY)	240 A, LRA 480 V 60 Hz 3phase; (CSA) 30 A, FLA 600 V 60 Hz 3phase; (CSA) 40 A, FLA 480 V 60 Hz 3phase; (CSA) 180 A, LRA 600 V 60 Hz 3phase; (CSA)
SPECIAL PURPOSE RATING OF RESISTANCE AIR HEATING	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, 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)
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	12 kW

HZ	
RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ	11 kW
ACTUATING VOLTAGE	230 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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