## Specifications



## Photo is representative





## Eaton 106373

Eaton Moeller® series DILM Contactor, 380 V 400 V 15 kW, 2 N/O, 2 NC, RDC 24: 24 - 27 V DC, DC operation, Screw terminals

General specification	S
PRODUCT NAME	Eaton Moeller® series DILM contactor
CATALOG NUMBER	106373
MODEL CODE	DILM32-22(RDC24)
EAN	4015081061433
PRODUCT LENGTH/DEPTH	138 mm
PRODUCT HEIGHT	85 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.61 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	CSA Std. C22.2 No. 14-05 UL 508 EN 60947-4-1 IEC 60947-4-1 VDE UL 60947-4-1 UL Category Control No.: NLDX UL CSA File No.: 012528 CSA Class No.: 2411-03, 3211-04 IEC/EN 60947-4-1 CSA-C22.2 No. 60947-4-1- 14 UL File No.: E29096 CSA CE IEC/EN 60947 VDE 0660
CATALOG NOTES	Also tested according to AC-3e.
GLOBAL CATALOG	106373



ELECTRICAL CONNECTION TYPE FOR AUXILIARY- AND CONTROL-CURRENT CIRCUIT	Screw connection
AMPERAGE RATING	32A
NUMBER OF POLES	Three-pole
VOLTAGE RATING	24-27 Vdc
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.

Resources	
CATALOGS	eaton-product-overview- for-machinery-catalogue- ca08103003zen-en-us.pdf
	SmartWire-DT Catalog
	Product Range Catalog Switching and protecting motors
	eaton-contactors- component-dilm- characteristic-curve- 003.eps
CHARACTERISTIC CURVE	eaton-contactors-switch- dilm-characteristic-curve- 002.eps
	eaton-contactors-short- time-loading-dilm- characteristic-curve.eps
	eaton-contactors-switch- dilm-characteristic- curve.eps
DECLARATIONS OF CONFORMITY	DA-DC-00004816.pdf
	DA-DC-00004783.pdf
	<u>eaton-contactors-contact-</u> <u>dimensions-210x202.eps</u>
	eaton-contactors-
	dimensions-210t014.eps
	eaton-contactors-
	mounting-dilm- dimensions.eps
DRAWINGS	·
Diaminos	<u>eaton-contactors-</u> <u>mounting-dilm-</u>
	dimensions-002.eps
	eaton-contactors-contact- dilm-3d-drawing-002.eps
	eaton-general-ie-ready-
	<u>dilm-contactor-</u> <u>standards.eps</u>
ECAD MODEL	ETN.106373.edz
INSTALLATION INSTRUCTIONS	<u>IL03407044Z</u>
INSTALLATION VIDEOS	WIN-WIN with push-in technology
MCAD MODEL	DA-CD-dil m17 38 a xhi

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.
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	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 Suppressor circuit in actuating electronics
OPERATING FREQUENCY	5000 mechanical Operations/h (DC operated)
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
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

	DA-CS-dil m17 38 a xhi
WIRING DIAGRAMS	2100SWI-125

	motors: starting, plugging, reversing, inching
CONNECTION	Screw terminals
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	10 HP
ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 1-PHASE	5 HP
ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 3-PHASE	10 HP
ASSIGNED MOTOR POWER AT 460/480 V, 60 HZ, 3-PHASE	20 HP
ASSIGNED MOTOR POWER AT 575/600 V, 60 HZ, 3-PHASE	25 HP
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	6.6 W

DISSIPATION, CURRENT- DEPENDENT PVID	
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID	2.2 W
SWITCHING TIME (DC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX	47 ms
SWITCHING TIME (DC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX	30 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	0.8 x 5.5/1 x 6 mm, Terminal screw, Standard screwdriver 2, Terminal screw, Pozidriv screwdriver
VOLTAGE TYPE	DC
DEGREE OF PROTECTION	IP00
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	2
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	2
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	2
NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT	0
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	2
	3
NUMBER OF MAIN	

CONTACTS (NORMALLY OPEN CONTACT)	
OPERATING TEMPERATURE - MAX	60 °C
OPERATING TEMPERATURE - MIN	-25 °C
POWER CONSUMPTION (PICK-UP) AT DC	12 W
POWER CONSUMPTION (SEALING) AT DC	0.9 W
RATED BREAKING CAPACITY AT 220/230 V	320 A
RATED BREAKING CAPACITY AT 380/400 V	320 A
RATED BREAKING CAPACITY AT 500 V	320 A
RATED BREAKING CAPACITY AT 660/690 V	180 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
CONTACT CONFIGURATION	2 NO, 2 NC
DROP-OUT VOLTAGE	0.6 - 0.15 x UC, DC operated At least smoothed two- phase bridge rectifier or three-phase rectifier
OVERVOLTAGE CATEGORY	Ш
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) 7,000,000 Operations (Coil 50/60 Hz)
PICK-UP VOLTAGE	24 - 27 V DC (RDC 24)

	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	M5, Terminal screw, Main cables M3.5, Terminal screw, Control circuit cables
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)	A600, AC operated (UL/CSA) P300, DC operated (UL/CSA)
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	7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Halfsinusoidal shock 10 ms 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Halfsinusoidal shock 10 ms 10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27, Halfsinusoidal 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 3.5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Halfsinusoidal 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 5.3 g, N/O auxiliary contact, Mechanical, according to IEC/EN

	60068-2-27 when tabletop- mounted, Half-sinusoidal shock 10 ms
TERMINAL CAPACITY (SOLID)	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 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	3.2 Nm, Screw terminals, Main cables 1.2 Nm, Screw terminals, Control circuit cables
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX	27 V
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN	24 V
RATED INSULATION VOLTAGE (UI)	690 V
RATED MAKING CAPACITY UP TO 690 V (COS PHI TO IEC/EN 60947)	384 A
RATED OPERATIONAL CURRENT (IE) AT AC-1, 380 V, 400 V, 415 V	45 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V	32 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V	32 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 440 V	32 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V	32 A
RATED OPERATIONAL CURRENT (IE) AT AC-3,	18 A

660 V, 690 V	
RATED OPERATIONAL CURRENT (IE) AT AC-4, 220 V, 230 V, 240 V	15 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 400 V	15 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 440 V	15 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 500 V	15 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 660 V, 690 V	12 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)	32 A
RATED OPERATIONAL POWER AT AC-3, 240 V, 50 HZ	11 kW
RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ	15 kW
RATED OPERATIONAL POWER AT AC-3, 415 V, 50 HZ	19 kW
RATED OPERATIONAL POWER AT AC-4, 220/230 V, 50 HZ	4 kW
RATED OPERATIONAL POWER AT AC-4, 240 V, 50 HZ	4.5 kW
RATED OPERATIONAL POWER AT AC-4, 380/400 V, 50 HZ	7 kW
RATED OPERATIONAL POWER AT AC-4, 415 V, 50 HZ	7.5 kW
RATED OPERATIONAL	8 kW

RATED OPERATIONAL POWER AT AC-4, 500 V, 50 HZ  RATED OPERATIONAL POWER AT AC-4, 660/690 V, 50 HZ  RATED OPERATIONAL POWER (NEMA)  RATED OPERATIONAL POWER (NEMA)  RATED OPERATIONAL POWER (NEMA)  RATED OPERATIONAL POWER (NEMA)  RESISTANCE PER POLE 2.7 mΩ  STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS  STRIPPING LENGTH (CONTROL CIRCUIT CABLE)  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 (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA) 10/100 kA, Fuse, SC	POWER AT AC-4, 440 V, 50	
POWER AT AC-4, 500 V, 50 HZ  RATED OPERATIONAL POWER AT AC-4, 660/690 V, 50 HZ  RATED OPERATIONAL POWER (NEMA)  RATED OPERATIONAL VOLTAGE (UE) AT AC-MAX  RESISTANCE PER POLE  STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS  STRIPPING LENGTH (CONTROL CIRCUIT CABLE)  STRIPPING LENGTH (MAIN CABLE)  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 SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V)  SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V  Also motors with efficiency  Also motors with efficiency	HZ	
POWER AT AC-4, 660/690 V, 50 HZ  RATED OPERATIONAL POWER (NEMA)  RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX  RESISTANCE PER POLE  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  STRIPPING LENGTH (CONTROL CIRCUIT CABLE)  STRIPPING LENGTH (MAIN CABLE)  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  Also motors with efficiency  Also motors with efficiency	POWER AT AC-4, 500 V, 50	9 kW
POWER (NEMA)  RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX  RESISTANCE PER POLE  STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  STRIPPING LENGTH (CONTROL CIRCUIT CABLE)  SHORT-CIRCUIT CURRENT RATING (BASIC RATING)  SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V)  SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V)  14.9 kW  690 V  0.9 W  0.9 W  10 mm  10 mm  5 kA, SCCR (UL/CSA) 125 A, max. Fuse, SCCR (UL/CSA) 125 A, max. Fuse, SCCR (UL/CSA) 125 A, max. CB, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA) 110/100 kA, Fuse, SCCR (UL/CSA) 1	POWER AT AC-4, 660/690	10 kW
VOLTAGE (UE) AT AC - MAX       690 V         RESISTANCE PER POLE       2.7 mΩ         STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS       0.9 W         STRIPPING LENGTH (CONTROL CIRCUIT CABLE)       10 mm         STRIPPING LENGTH (MAIN CABLE)       10 mm         SHORT-CIRCUIT CURRENT RATING (BASIC RATING)       5 kA, SCCR (UL/CSA) 125 A, max. Fuse, SCCR (UL/CSA) 125 A, max. CB, SCCR (UL/CSA) 125 A, max. CB, SCCR (UL/CSA) 125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (		14.9 kW
STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS  STRIPPING LENGTH (CONTROL CIRCUIT CABLE)  STRIPPING LENGTH (MAIN CABLE)  SHORT-CIRCUIT CURRENT RATING (BASIC RATING)  SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V)  SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V)  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 600 V)  SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V)  SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V  Also motors with efficiency	VOLTAGE (UE) AT AC -	690 V
DISSIPATION, NON- CURRENT-DEPENDENT PVS  STRIPPING LENGTH (CONTROL CIRCUIT CABLE)  STRIPPING LENGTH (MAIN CABLE)  SHORT-CIRCUIT CURRENT RATING (BASIC RATING)  SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V)  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  Also motors with efficiency	RESISTANCE PER POLE	2.7 mΩ
(CONTROL CIRCUIT CABLE)  STRIPPING LENGTH (MAIN CABLE)  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 600 V)  SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V)  SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V  Also motors with efficiency	DISSIPATION, NON- CURRENT-DEPENDENT	0.9 W
(MAIN CABLE)  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 600 V)  SHORT-CIRCUIT CURRENT RATING (TYPE 1 COORDINATION) AT 400 V  SUITABLE FOR  SHORT-CIRCUIT CURRENT RATING (TYPE 1 COORDINATION) AT 400 V  SUITABLE FOR  SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 400 V)  SHORT-CIRCUIT RATING (TYPE 1 COORDINATION) AT 400 V  SUITABLE FOR  SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 400 V)  SHORT-CIRCUIT RATING (TYPE 1 COORDINATION) AT 400 V  Also motors with efficiency	(CONTROL CIRCUIT	10 mm
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 (TYPE 1 COORDINATION) AT 400 V  SUITABLE FOR  125 A, max. Fuse, SCCR (UL/CSA) 125 A, Class J, max. Fuse, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA) 125/125 A, Class J, max. Fuse, SCCR (UL/CSA) 125/125 A, Class J,		10 mm
SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V)  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  SUITABLE FOR  (UL/CSA)  125/70 A, Class J, max. Fuse, SCCR (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA) 125/125 A, Class J, max. Fuse, SCCR (UL/CSA) 50/32 A, max. CB, SCCR (UL/CSA)  125 A gG/gL  Also motors with efficiency		125 A, max. Fuse, SCCR (UL/CSA) 125 A, max. CB, SCCR
SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V)  SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V  SUITABLE FOR  (UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA) 125/125 A, Class J, max. Fuse, SCCR (UL/CSA) 50/32 A, max. CB, SCCR (UL/CSA)  125 A gG/gL  Also motors with efficiency	RATING (HIGH FAULT AT	(UL/CSA) 125/70 A, Class J, max. Fuse, 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	RATING (HIGH FAULT AT	(UL/CSA) 10/100 kA, Fuse, SCCR (UL/CSA) 125/125 A, Class J, max. Fuse, SCCR (UL/CSA) 50/32 A, max. CB, SCCR
SUITABLE FOR	PROTECTION RATING (TYPE 1 COORDINATION)	125 A gG/gL
	SUITABLE FOR	•
SHORT-CIRCUIT 63 A gG/gL	SHORT-CIRCUIT	63 A gG/gL

PROTECTION RATING
(TYPE 1 COORDINATION)
AT 690 V

AT 690 V	
SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V	63 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	32 A, FLA 480 V 60 Hz 3- ph, 100,000 cycles acc. to UL 1995, (UL/CSA) 192 A, LRA 480 V 60 Hz 3- ph, 100,000 cycles acc. to UL 1995, (UL/CSA)
SPECIAL PURPOSE RATING OF ELEVATOR CONTROL	22 A, 600 V 60 Hz 3-ph, (UL/CSA) 25.3 A, 200 V 60 Hz 3-ph, (UL/CSA) 20 HP, 600 V 60 Hz 3-ph, (UL/CSA) 27 A, 480 V 60 Hz 3-ph, (UL/CSA) 7.5 HP, 240 V 60 Hz 3-ph, (UL/CSA) 22 A, 240 V 60 Hz 3-ph, (UL/CSA) 7.5 HP, 200 V 60 Hz 3-ph, (UL/CSA) 20 HP, 480 V 60 Hz 3-ph, (UL/CSA)
SPECIAL PURPOSE RATING OF REFRIGERATION CONTROL (CSA ONLY)	240 A, LRA 480 V 60 Hz 3phase; (CSA) 180 A, LRA 600 V 60 Hz 3phase; (CSA) 40 A, FLA 480 V 60 Hz 3phase; (CSA) 30 A, FLA 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	40 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase,

**INCANDESCENT LAMPS** (UL/CSA) 40 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA) **OPERATING** -25° to 60°C **TEMPERATURE CONVENTIONAL** THERMAL CURRENT ITH 45 A AT 40°C (3-POLE, OPEN) **CONVENTIONAL** THERMAL CURRENT ITH 43 A AT 50°C (3-POLE, OPEN) **CONVENTIONAL** THERMAL CURRENT ITH 40 A AT 60°C (3-POLE, OPEN) **RATED OPERATIONAL POWER AT AC-3, 440 V, 50** 20 kW ΗZ **RATED OPERATIONAL POWER AT AC-3, 500 V, 50** 23 kW **RATED OPERATIONAL POWER AT AC-3, 690 V, 50** 17 kW ΗZ **ACTUATING VOLTAGE** RDC 24: 24 - 27 V DC **ALTITUDE** Max. 2000 m **OPERATING VOLTAGE AT** 24 V **AC, 50 HZ - MIN OPERATING VOLTAGE AT** 690 V **AC, 50 HZ - MAX OPERATING VOLTAGE AT** 24 V **AC, 60 HZ - MIN OPERATING VOLTAGE AT** 690 V **AC, 60 HZ - MAX** 

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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