Eaton 239587

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 75 kW, RAC 120: 100 - 120 V 50/60 Hz, AC operation, Screw terminals

PRODUCT NAME	Eaton Moeller® series DILM contactor
CATALOG NUMBER	239587
UPC	782116351787
PRODUCT LENGTH/DEPTH	160 mm
PRODUCT HEIGHT	170 mm
PRODUCT WIDTH	90 mm
PRODUCT WEIGHT	2.25 kg
CERTIFICATIONS	CSA File No.: 012528 IEC/EN 60947-4-1 VDE 0660 CSA IEC/EN 60947 UL 60947-4-1 UL Category Control No.: NLDX CSA Class No.: 2411-03, 3211-04 UL UL File No.: E29096 CE CSA-C22.2 No. 60947-4-1-14
CATALOG NOTES	Contacts according to EN 50012



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.
10.3 DEGREE OF PROTECTION OF	Does not apply, since the entire switchgear needs to

CHARACTERISTIC CURVE	eaton-contactors-switch-dilm-characteristic-curve.eps eaton-contactors-switch-dilm-characteristic-curve-002.eps
DECLARATIONS OF CONFORMITY	eaton-contactor- declaration-of-conformity- uk251233en.pdf
	eaton-dil-contactors- instruction-leaflet- il03407039z.pdf
	eaton-contactors-contact- dilm-wiring-diagram- 003.eps
	eaton-contactors-dilm- dimensions-003.eps
	eaton-contactors-dilm-3d- drawing.eps

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	3600 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-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
CONNECTION	Screw terminals
FRAME SIZE	FS4
TIGATE SIZE	
AMBIENT OPERATING	60 °C

TEMPERATURE - MAX	
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	10 HP
ASSIGNED MOTOR POWER AT 200/208 V, 60 HZ, 3-PHASE	50 HP
ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 1-PHASE	30 HP
ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 3-PHASE	60 HP
ASSIGNED MOTOR POWER AT 460/480 V, 60 HZ, 3-PHASE	125 HP
ASSIGNED MOTOR POWER AT 575/600 V, 60 HZ, 3-PHASE	125 HP
CONVENTIONAL THERMAL CURRENT ITH (1-POLE, ENCLOSED)	360 A
CONVENTIONAL THERMAL CURRENT ITH (3-POLE, ENCLOSED)	144 A
CONVENTIONAL THERMAL CURRENT ITH AT 55°C (3-POLE, OPEN)	170 A
CONVENTIONAL THERMAL CURRENT ITH OF MAIN CONTACTS (1- POLE, OPEN)	400 A
EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID	32.1 W
HEAT DISSIPATION CAPACITY PDISS	0 W
CAPACITY PDISS	

HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	10.7 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	15 ms
ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT	Screw connection
SCREWDRIVER SIZE	0.8 x 5.5/1 x 6 mm, Terminal screw, Control circuit cables, Standard screwdriver 2, Terminal screw, Control circuit cables, Pozidriv screwdriver
VOLTAGE TYPE	AC
DEGREE OF PROTECTION	IP00
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT	0
NUMBER OF MAIN CONTACTS (NORMALLY OPEN CONTACT)	3
RATED BREAKING CAPACITY AT 220/230 V	1500 A
RATED BREAKING CAPACITY AT 380/400 V	1500 A
RATED BREAKING CAPACITY AT 500 V	1500 A
RATED BREAKING CAPACITY AT 660/690 V	1200 A
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	120 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	100 V

RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	120 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	100 V
DROP-OUT VOLTAGE	AC operated: 0.6 - 0.25 x UC, AC operated
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 (AC operated)
PICK-UP VOLTAGE	0.8 - 1.15 V AC x Uc
POWER CONSUMPTION, PICK-UP, 50 HZ	180 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz
SAFE ISOLATION	690 V AC, Between the contacts, According to EN 61140 690 V AC, Between coil and contacts, According to EN 61140
POWER CONSUMPTION, PICK-UP, 60 HZ	170 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz
RESIDUAL CURRENT	1 mA (with actuation of A1 - A2 by the electronics with "0" signal)
SCREW SIZE	5 mm AF, Hexagon sockethead spanner, Terminal screw, Main cables M3.5, Terminal screw, Control circuit cables M10, Terminal screw, Main cables
POWER CONSUMPTION, SEALING, 50 HZ	2.3 W, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 3.1 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz
POWER CONSUMPTION, SEALING, 60 HZ	2.3 W, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz 3.1 VA, Dual-frequency coil in a cold state and 1.0 x

	Us, at 60 Hz
TERMINAL CAPACITY (STRANDED)	2 x (16 - 70) mm², Main cables 1 x (16 - 95) mm², Main cables
TERMINAL CAPACITY (COPPER BAND)	2 x (6 x 16 x 0.8) mm (Number of segments x width x thickness), Main cables
TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)	2 x (0.75 - 2.5) mm², Control circuit cables 1 x (0.75 - 2.5) mm², Control circuit cables 2 x (10 - 70) mm², Main cables 1 x (10 - 95) mm², Main cables
SHOCK RESISTANCE	7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Halfsinusoidal shock 10 ms 7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Halfsinusoidal shock 10 ms 10 g, N/O main 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 when tabletop-mounted, Halfsinusoidal shock 10 ms 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Halfsinusoidal shock 10 ms 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Halfsinusoidal shock 10 ms
TERMINAL CAPACITY (SOLID)	2 x (0.75 - 2.5) mm ² , Control circuit cables 1 x (0.75 - 4) mm ² , Control circuit cables
TERMINAL CAPACITY (SOLID/STRANDED AWG)	Single 83/0, double 82/0, Main cables 18 - 14, Control circuit cables
SWITCHING CAPACITY (MAIN CONTACTS,	225 A, Maximum motor rating (UL/CSA)

GENERAL USE)	
TIGHTENING TORQUE	1.2 Nm, Screw terminals, Control circuit cables 14 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)	2100 A
RATED OPERATIONAL CURRENT (IE) AT AC-1, 380 V, 400 V, 415 V	190 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V	150 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V	150 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 440 V	150 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V	150 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V	100 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 220 V, 230 V, 240 V	65 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 400 V	65 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 440 V	65 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 500 V	65 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 660 V, 690 V	50 A

RATED OPERATIONAL CURRENT (IE) AT DC-1, 110 V	160 A
RATED OPERATIONAL CURRENT (IE) AT DC-1, 220 V	90 A
RATED OPERATIONAL CURRENT (IE) AT DC-1, 60 V	160 A
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	150 A
RATED OPERATIONAL POWER AT AC-3, 240 V, 50 HZ	52 kW
RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ	75 kW
RATED OPERATIONAL POWER AT AC-3, 415 V, 50 HZ	91 kW
RATED OPERATIONAL POWER AT AC-4, 220/230 V, 50 HZ	20 kW
RATED OPERATIONAL POWER AT AC-4, 240 V, 50 HZ	22 kW
RATED OPERATIONAL POWER AT AC-4, 380/400 V, 50 HZ	33 kW
RATED OPERATIONAL POWER AT AC-4, 415 V, 50 HZ	39 kW
RATED OPERATIONAL POWER AT AC-4, 440 V, 50 HZ	41 kW
RATED OPERATIONAL POWER AT AC-4, 500 V, 50 HZ	47 kW
RATED OPERATIONAL POWER AT AC-4, 660/690 V, 50 HZ	48 kW
RATED OPERATIONAL POWER (NEMA)	93 kW
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	690 V
RESISTANCE PER POLE	0.6 mΩ
STATIC HEAT DISSIPATION, NON-	2.3 W

CURRENT-DEPENDENT PVS STRIPPING LENGTH (CONTROL CIRCUIT CABLE) STRIPPING LENGTH (MAIN CABLE) SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN 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 600 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 1 COORDINATION) AT 690 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 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		
(CONTROL CIRCUIT CABLE) STRIPPING LENGTH (MAIN CABLE) SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX 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 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 1 COORDINATION) AT 690 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 SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V		
(MAIN CABLE) SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX 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 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 1 COORDINATION) AT 690 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 SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V	(CONTROL CIRCUIT	10 mm
OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX 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 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 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) 250 A gG/gL		24 mm
OPERATED, MAKE CONTACTS, CLOSING DELAY) - MIN 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 480 V) SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V) SHORT-CIRCUIT 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 1 COORDINATION) AT 690 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 SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) 250 A gG/gL	OPERATED, MAKE CONTACTS, CLOSING	33 ms
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 SUITABLE FOR Also motors with efficiency class IE3 SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 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) 250 A gG/gL 250 A gG/gL	OPERATED, MAKE CONTACTS, CLOSING	28 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 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) 250 A gG/gL 250 A gG/gL	OPERATED, MAKE CONTACTS, OPENING	41 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 CURRENT RATING (HIGH FAULT AT 600 V) SHORT-CIRCUIT 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) A gG/gL 250 A gG/gL 250 A gG/gL	OPERATED, MAKE CONTACTS, OPENING	35 ms
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 Also motors with efficiency class IE3 SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) 250 A gG/gL 250 A gG/gL		SCCR (UL/CSA) 10 kA, 600 A max. CB,
RATING (HIGH FAULT AT 600 V) SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V SUITABLE FOR SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) 250 A gG/gL 250 A gG/gL	RATING (HIGH FAULT AT	
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) 250 A gG/gL 250 A gG/gL	RATING (HIGH FAULT AT	•
SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) 250 A gG/gL 250 A gG/gL	PROTECTION RATING (TYPE 1 COORDINATION)	250 A gG/gL
PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) 250 A gG/gL 250 A gG/gL	SUITABLE FOR	·
PROTECTION RATING (TYPE 2 COORDINATION) 250 A gG/gL	PROTECTION RATING (TYPE 1 COORDINATION)	250 A gG/gL
	PROTECTION RATING (TYPE 2 COORDINATION)	250 A gG/gL
SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V	PROTECTION RATING (TYPE 2 COORDINATION)	250 A gG/gL

SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE LAMPS	160 A (600V 60Hz 3phase, 347V 60Hz 1phase) 160 A (480V 60Hz 3phase, 277V 60Hz 1phase)
SPECIAL PURPOSE RATING OF DEFINITE PURPOSE RATING	900 A, LRA 480 V 60 Hz 3- ph, 100,000 cycles acc. to UL 1995, (UL/CSA) 150 A, FLA 480 V 60 Hz 3- ph, 100,000 cycles acc. to UL 1995, (UL/CSA)
SPECIAL PURPOSE RATING OF ELEVATOR CONTROL	40 HP, 240 V 60 Hz 3-ph, (UL/CSA) 100 HP, 600 V 60 Hz 3-ph, (UL/CSA) 30 HP, 200 V 60 Hz 3-ph, (UL/CSA) 92 A, 200 V 60 Hz 3-ph, (UL/CSA) 104 A, 240 V 60 Hz 3-ph, (UL/CSA) 96 A, 480 V 60 Hz 3-ph, (UL/CSA) 75 HP, 480 V 60 Hz 3-ph, (UL/CSA) 99 A, 600 V 60 Hz 3-ph, (UL/CSA)
SPECIAL PURPOSE RATING OF REFRIGERATION CONTROL (CSA ONLY)	90 A, FLA 480 V 60 Hz 3phase; (CSA) 540 A, LRA 480 V 60 Hz 3phase; (CSA) 540 A, LRA 600 V 60 Hz 3phase; (CSA) 90 A, FLA 600 V 60 Hz 3phase; (CSA)
SPECIAL PURPOSE RATING OF RESISTANCE AIR HEATING	160 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA) 160 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA)
SPECIAL PURPOSE RATING OF TUNGSTEN INCANDESCENT LAMPS	160 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA) 160 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA)
CONVENTIONAL THERMAL CURRENT ITH AT 40°C (3-POLE, OPEN)	190 A
CONVENTIONAL	180 A
THERMAL CURRENT ITH AT 50°C (3-POLE, OPEN)	

THERMAL CURRENT ITH AT 60°C (3-POLE, OPEN)

RATED OPERATIONAL

POWER AT AC-3, 440 V, 50 95 kW

ΗZ

RATED OPERATIONAL

POWER AT AC-3, 500 V, 50 110 kW

ΗZ

RATED OPERATIONAL

AC, 60 HZ - MIN

AC, 60 HZ - MAX

OPERATING VOLTAGE AT

POWER AT AC-3, 690 V, 50 96 kW

ΗZ

ACTUATING VOLTAGE	RAC 120: 100 - 120 V 50/60 Hz
ALTITUDE	Max. 2000 m
OPERATING VOLTAGE AT AC, 50 HZ - MIN	230 V
OPERATING VOLTAGE AT AC, 50 HZ - MAX	690 V
OPERATING VOLTAGE AT	230 V

690 V

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

:



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