## Eaton 199223

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 3 kW, 1 N/O, 24 V DC, DC operation, Push in terminals

PRODUCT NAME	Eaton Moeller® series DILM contactor
CATALOG NUMBER	199223
PRODUCT LENGTH/DEPTH	75 mm
PRODUCT HEIGHT	68 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.285 kg
CERTIFICATIONS	VDE 0660 IEC/EN 60947 UL Listed CSA certified UL Category Control No.: NLDX CE marking UL File No.: E29096 CSA Class No.: 2411-03, 3211-04 CSA File No.: 012528
CATALOG NOTES	Also tested according to AC-3e.



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

MCAD MODEL

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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	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.
OPERATING FREQUENCY	9000 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	
	IEC 60068-2-78 In conjunction with DIL- SWD SmartWire DT contactor module
SMARTWIRE-DT RATED IMPULSE WITHSTAND VOLTAGE	IEC 60068-2-78 In conjunction with DIL- SWD SmartWire DT contactor module Yes
SMARTWIRE-DT RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	IEC 60068-2-78 In conjunction with DIL- SWD SmartWire DT contactor module Yes 6000 V AC AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-4: Normal AC induction motors: starting, plugging, reversing, inching AC-3: Normal AC induction motors: starting, switch off
SMARTWIRE-DT RATED IMPULSE WITHSTAND VOLTAGE (UIMP) UTILIZATION CATEGORY	IEC 60068-2-78 In conjunction with DIL- SWD SmartWire DT contactor module Yes 6000 V AC AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-4: Normal AC induction motors: starting, plugging, reversing, inching AC-3: Normal AC induction motors: starting, switch off during running

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	0.25 HP
ASSIGNED MOTOR POWER AT 200/208 V, 60 HZ, 3-PHASE	1.5 HP
ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 1-PHASE	1 HP
ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 3-PHASE	2 HP
ASSIGNED MOTOR POWER AT 460/480 V, 60 HZ, 3-PHASE	3 HP
ASSIGNED MOTOR POWER AT 575/600 V, 60 HZ, 3-PHASE	5 HP
CONVENTIONAL THERMAL CURRENT ITH (1-POLE, ENCLOSED)	45 A
CONVENTIONAL THERMAL CURRENT ITH (3-POLE, ENCLOSED)	18 A
CONVENTIONAL THERMAL CURRENT ITH AT 55°C (3-POLE, OPEN)	21 A
CONVENTIONAL THERMAL CURRENT ITH OF MAIN CONTACTS (1- POLE, OPEN)	50 A
EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID	0.9 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-	0.3 W

SWITCHING TIME (DC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX	31 ms
SWITCHING TIME (DC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX	12 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	Push-in connection
SCREWDRIVER SIZE	3 x 0.5 mm, Terminal screw 3.0 x 0.5 mm, Terminal screw
VOLTAGE TYPE	DC
DEGREE OF PROTECTION	IP20
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
(NORMALLY OPEN	3
(NORMALLY OPEN CONTACTS) NUMBER OF MAIN CONTACTS (NORMALLY OPEN CONTACT) POWER CONSUMPTION (PICK-UP) AT DC	
(NORMALLY OPEN CONTACTS) NUMBER OF MAIN CONTACTS (NORMALLY OPEN CONTACT) POWER CONSUMPTION (PICK-UP) AT DC POWER CONSUMPTION (SEALING) AT DC	3
(NORMALLY OPEN CONTACTS) NUMBER OF MAIN CONTACTS (NORMALLY OPEN CONTACT) POWER CONSUMPTION (PICK-UP) AT DC POWER CONSUMPTION	3 3 W

auxiliary contact module and at ambient air temperature + 40 °C)SAFE ISOLATION400 V AC, Between the contacts, According to EN 61140 400 V AC, Between coil and contacts, According to EN 61140TERMINAL CAPACITY (FLEXIBLE WITH UNISOLATED FERRULE)1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²TERMINAL CAPACITY1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²	
CAPACITY AT 660/690 V40 ARATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX0 VRATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX0 VRATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX0 VRATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN0 VOVERVOLTAGE (CS) AT AC, 60 HZ - MIN0 VOVERVOLTAGE CATEGORYIIIDUTY FACTOR100 %EMITTED INTERFERENCE IMMUNITYAccording to EN 60947-1INTERFFERNCE IMMUNITY10,000,000 Operations (DC operated)PICK-UP VOLTAGE VOLTAGE0.85 - 1.1 V DC x Uc (only with auxiliary contact module with 3 or more N/C contacts) 0.85 - 1.1 V DC x Uc 0.7 - 1.3 V DC x Uc (without auxiliary contact module and at ambient air temperature + 40 °C)SAFE ISOLATION1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²TERMINAL CAPACITY (FLEXIBLE WITH UNISOLATED FERRULE)1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²	50 A
VOLTAGE (US) AT AC, 50 HZ - MAX0 VRATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN0 VRATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX0 VRATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX0 VRATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN0 VOVERVOLTAGE (US) AT AC, 60 HZ - MIN111DUTY FACTOR100 %EMITTED INTERFERENCE IMMUNITYAccording to EN 60947-1INTERFERENCE IMMUNITY10,000,000 Operations (DC operated)PICK-UP VOLTAGE SAFE ISOLATION0.85 - 1.1 V DC x Uc (only with auxiliary contact module with 3 or more N/C contacts) 0.85 - 1.1 V DC x Uc (only with auxiliary contact module with 3 or more N/C contacts)SAFE ISOLATION400 V AC, Between the contacts, According to EN 61140 400 V AC, Between coil and contacts, According to EN 61140TERMINAL CAPACITY (FLEXIBLE WITH UNISOLATED FERRULE)1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²	40 A
VOLTAGE (US) AT AC, 50 HZ - MIN0 VRATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX0 VRATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN0 VOVERVOLTAGE CATEGORYIIIDUTY FACTOR100 %EMITTED INTERFERENCE IMMUNITYAccording to EN 60947-1INTERFERENCE IMMUNITY0.85 - 1.1 V DC x UC (only with auxiliary contact module with 3 or more N/C contacts) 0.85 - 1.1 V DC x UC (only with auxiliary contact module with 3 or more N/C contacts) 0.85 - 1.1 V DC x UC (only with auxiliary contact module with 3 or more N/C contacts) 0.85 - 1.1 V DC x UC 0.85 - 1.1 V DC x UC (only with auxiliary contact module with 3 or more N/C contacts) 0.85 - 1.1 V DC x UC 0.85 - 1.1 V	0 V
VOLTAGE (US) AT AC, 60 HZ - MAX0 VRATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN0 VOVERVOLTAGE CATEGORYIIIDUTY FACTOR100 %EMITTED INTERFERENCE IMMUNITYAccording to EN 60947-1INTERFERENCE IMMUNITY0.000,000 Operations (DC operated)PICK-UP VOLTAGE PICK-UP VOLTAGE0.85 - 1.1 V DC x Uc (only with auxiliary contact module with 3 or more N/C contacts) 0.85 - 1.1 V DC x Uc (only with auxiliary contact module with 3 or more N/C contacts)PICK-UP VOLTAGE400 V AC, Between the contacts, According to EN 61140SAFE ISOLATION400 V AC, Between the contacts, According to EN 61140TERMINAL CAPACITY (FLEXIBLE WITH UNISOLATED FERRULE)1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²	0 V
VOLTAGE (US) AT AC, 60 HZ - MIN0 VOVERVOLTAGE CATEGORYIIIDUTY FACTOR100 %EMITTED INTERFERENCEAccording to EN 60947-1INTERFERENCE IMMUNITYAccording to EN 60947-1LIFESPAN, MECHANICAL10,000,000 Operations (DC operated)PICK-UP VOLTAGE0.85 - 1.1 V DC x Uc (only with auxiliary contact module with 3 or more N/C contacts)PICK-UP VOLTAGE0.85 - 1.1 V DC x Uc (only with auxiliary contact module with 3 or more N/C contacts)SAFE ISOLATION400 V AC, Between the contacts, According to EN 61140TERMINAL CAPACITY (FLEXIBLE WITH UNISOLATED FERRULE)1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²	0 V
CATEGORYIIIDUTY FACTOR100 %EMITTED INTERFERENCEAccording to EN 60947-1INTERFERENCEAccording to EN 60947-1INTERFERENCE10,000,000 Operations (DC operated)LIFESPAN, MECHANICAL10,000,000 Operations (DC operated)PICK-UP VOLTAGE0.85 - 1.1 V DC x Uc (only with auxiliary contact module with 3 or more N/C contacts)PICK-UP VOLTAGE0.85 - 1.1 V DC x Uc (only with auxiliary contact module with 3 or more N/C contacts)SAFE ISOLATION400 V AC, Between the contacts, According to EN 61140TERMINAL CAPACITY (FLEXIBLE WITH UNISOLATED FERRULE)1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²	0 V
EMITTED INTERFERENCEAccording to EN 60947-1INTERFERENCE IMMUNITYAccording to EN 60947-1LIFESPAN, MECHANICAL10,000,000 Operations (DC operated)PICK-UP VOLTAGE0.85 - 1.1 V DC x Uc (only with auxiliary contact module with 3 or more N/C contacts)PICK-UP VOLTAGE0.85 - 1.1 V DC x Uc 0.85 - 1.1 V DC x Uc 0.85 - 1.1 V DC x Uc 0.7 - 1.3 V DC x Uc (without auxiliary contact module and at ambient air temperature + 40 °C)SAFE ISOLATION400 V AC, Between the contacts, According to EN 61140 400 V AC, Between coil and contacts, According to EN 61140TERMINAL CAPACITY (FLEXIBLE WITH UNISOLATED FERRULE)1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²	Ш
INTERFERENCE IMMUNITYAccording to EN 60947-1LIFESPAN, MECHANICAL10,000,000 Operations (DC operated)PICK-UP VOLTAGE0.85 - 1.1 V DC x Uc (only with auxiliary contact module with 3 or more N/C contacts)PICK-UP VOLTAGE0.85 - 1.1 V DC x Uc 0.85 - 1.1 V DC x Uc 0.7 - 1.3 V DC x Uc 0.7 - 1.3 V DC x Uc (without auxiliary contact module and at ambient air temperature + 40 °C)SAFE ISOLATION400 V AC, Between the contacts, According to EN 61140 400 V AC, Between coil and contacts, According to EN 61140TERMINAL CAPACITY (FLEXIBLE WITH UNISOLATED FERRULE)1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²	100 %
IMMUNITYAccording to EN 60947-1LIFESPAN, MECHANICAL10,000,000 Operations (DC operated)0.85 - 1.1 V DC x Uc (only with auxiliary contact module with 3 or more N/C contacts)0.85 - 1.1 V DC x Uc (only with auxiliary contact module with 3 or more N/C contacts)PICK-UP VOLTAGE0.85 - 1.1 V AC x Uc (order to the second sec	According to EN 60947-1
LIFESPAN, MECHANICALoperated)operated)0.85 - 1.1 V DC x Uc (only with auxiliary contact module with 3 or more N/C contacts)PICK-UP VOLTAGE0.85 - 1.1 V AC x Uc 0.85 - 1.1 V AC x Uc 0.85 - 1.1 V DC x Uc 0.7 - 1.3 V DC x Uc (without auxiliary contact module and at ambient air temperature + 40 °C)SAFE ISOLATION400 V AC, Between the contacts, According to EN 61140 400 V AC, Between coil and contacts, According to EN 61140TERMINAL CAPACITY (FLEXIBLE WITH UNISOLATED FERRULE)1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²	According to EN 60947-1
PICK-UP VOLTAGEwith auxiliary contact module with 3 or more N/C contacts)PICK-UP VOLTAGE0.85 - 1.1 V AC x Uc 0.85 - 1.1 V DC x Uc 0.7 - 1.3 V DC x Uc (without auxiliary contact module and at ambient air temperature + 40 °C)SAFE ISOLATION400 V AC, Between the contacts, According to EN 61140 400 V AC, Between coil and contacts, According to EN 61140TERMINAL CAPACITY (FLEXIBLE WITH UNISOLATED FERRULE)1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²	•
SAFE ISOLATIONcontacts, According to EN 61140 400 V AC, Between coil and contacts, According to EN 61140TERMINAL CAPACITY (FLEXIBLE WITH UNISOLATED FERRULE)1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²TERMINAL CAPACITY1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²	with auxiliary contact module with 3 or more N/C contacts) 0.85 - 1.1 V AC x Uc 0.8 - 1.1 V DC x Uc 0.7 - 1.3 V DC x Uc (without auxiliary contact module and at ambient air
(FLEXIBLE WITH  1 x (0.5 - 2.5) mm²    UNISOLATED FERRULE)  2 x (0.5 - 2.5) mm²    TERMINAL CAPACITY	contacts, According to EN 61140 400 V AC, Between coil and contacts, According to
(FLEXIBLE WITH  1 x (0.5 - 2.5) mm²    ULTRASONIC WELDED  2 x (0.5 - 2.5) mm²    CABLE END)  2 x (0.5 - 2.5) mm²	1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²
SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE) 1 A, 250 V DC, (UL/CSA) 10 A, 600 V AC, (UL/CSA)	
ULTRASONIC WELDED CABLE END) SWITCHING CAPACITY (AUXILIARY CONTACTS,	

SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY)	A600, AC operated (UL/CSA) P300, DC operated (UL/CSA)
TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)	1 x (0.5 - 2.5) mm² 2 x (0.5 - 1.5) mm²
SHOCK RESISTANCE	7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms 5.7 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half- sinusoidal shock 10 ms 3.4 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 3.4 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop- mounted, Half-sinusoidal shock 10 ms
TERMINAL CAPACITY (SOLID)	1 x (0.5 - 2.5) mm² 2 x (0.5 - 2.5) mm²
TERMINAL CAPACITY (SOLID/STRANDED AWG)	20 - 14
SWITCHING CAPACITY (MAIN CONTACTS, GENERAL USE)	20 A, Maximum motor rating (UL/CSA)
TERMINAL CAPACITY (FLEXIBLE)	2 x (0.5 - 2.5) mm² 1 x (0.5 - 2.5) mm²
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX	24 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)	112 A
RATED OPERATIONAL CURRENT (IE) AT AC-1, 380 V, 400 V, 415 V	22 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V	7 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V	7 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 440 V	7 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V	5 A
RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V	4 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 220 V, 230 V, 240 V	5 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 400 V	5 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 440 V	5 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 500 V	4.5 A
RATED OPERATIONAL CURRENT (IE) AT AC-4, 660 V, 690 V	4 A
RATED OPERATIONAL CURRENT (IE) AT DC-1, 110 V	20 A
RATED OPERATIONAL CURRENT (IE) AT DC-1, 220 V	15 A
RATED OPERATIONAL CURRENT (IE) AT DC-1, 60 V	20 A
RATED OPERATIONAL POWER AT AC-3, 240 V, 50 HZ	2.2 kW
RATED OPERATIONAL	3 kW

POWER AT AC-3, 380/400 V, 50 HZ	
RATED OPERATIONAL POWER AT AC-3, 415 V, 50 HZ	4 kW
RATED OPERATIONAL POWER AT AC-4, 220/230 V, 50 HZ	1 kW
RATED OPERATIONAL POWER AT AC-4, 240 V, 50 HZ	1.5 kW
RATED OPERATIONAL POWER AT AC-4, 380/400 V, 50 HZ	2.2 kW
RATED OPERATIONAL POWER AT AC-4, 415 V, 50 HZ	2.3 kW
RATED OPERATIONAL POWER AT AC-4, 440 V, 50 HZ	2.4 kW
RATED OPERATIONAL POWER AT AC-4, 500 V, 50 HZ	2.5 kW
RATED OPERATIONAL POWER AT AC-4, 660/690 V, 50 HZ	2.9 kW
RATED OPERATIONAL POWER (NEMA)	0 kW
RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX	690 V
RESISTANCE PER POLE	4.6 mΩ
STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS	3 W
STRIPPING LENGTH (MAIN CABLE)	10 mm
SHORT-CIRCUIT CURRENT RATING (BASIC RATING)	45 A, max. Fuse, SCCR (UL/CSA) 5 kA, SCCR (UL/CSA) 60 A, max. CB, SCCR (UL/CSA)
SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V)	30/100 kA, Fuse, SCCR (UL/CSA) 16 A, max. CB, SCCR (UL/CSA) 65 kA, CB, SCCR (UL/CSA) 25 A, Class RK5/ 20 A Class J, max. Fuse, SCCR

	(UL/CSA)
SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V)	25 A, Class RK5/20 A, Class J, max. Fuse, SCCR (UL/CSA) 30/100 kA, Fuse, SCCR (UL/CSA) 25 A, Class RK5/45 A, Class J, max. Fuse, SCCR (UL/CSA) 25 A, Class RK5/60 A, Class J, max. Fuse, SCCR (UL/CSA)
SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V	35 A gG/gL
SUITABLE FOR	Also motors with efficiency class IE3
SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V	20 A gG/gL
SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V	20 A gG/gL
SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V	16 A gG/gL
SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE LAMPS	12 A (480V 60Hz 3phase, 277V 60Hz 1phase) 12 A (600V 60Hz 3phase, 347V 60Hz 1phase)
SPECIAL PURPOSE RATING OF DEFINITE PURPOSE RATING	42 A, LRA 480 V 60 Hz 3- ph, 100,000 cycles acc. to UL 1995, (UL/CSA) 7 A, FLA 480 V 60 Hz 3-ph, 100,000 cycles acc. to UL 1995, (UL/CSA)
SPECIAL PURPOSE RATING OF ELEVATOR CONTROL	0.75 HP, 200 V 60 Hz 3-ph, (UL/CSA) 1.5 HP, 240 V 60 Hz 3-ph, (UL/CSA) 2 HP, 480 V 60 Hz 3-ph, (UL/CSA) 3.9 A, 600 V 60 Hz 3-ph, (UL/CSA) 6 A, 240 V 60 Hz 3-ph, (UL/CSA) 3.4 A, 480 V 60 Hz 3-ph, (UL/CSA) 3.7 A, 200 V 60 Hz 3-ph,

(UL/CSA) 3 HP, 600 V 60 Hz 3-ph, (UL/CSA)
10 A, FLA 480 V 60 Hz 3phase; (CSA) 10 A, FLA 600 V 60 Hz 3phase; (CSA) 60 A, LRA 480 V 60 Hz 3phase; (CSA) 60 A, LRA 600 V 60 Hz 3phase; (CSA)
12 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA) 12 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA)
14 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA) 14 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA)
24 V
690 V
24 V
690 V

## **PROJECT NAME:**

**PROJECT NUMBER:** 

PREPARED BY:

:



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