Specifications



Photo is representative





Eaton 259129

Eaton Moeller series NZM - Molded Case Circuit Breaker. Circuit-breaker, 3p, 160A, L2-VE160

General specifications	
PRODUCT NAME	Eaton Moeller series NZM molded case circuit breaker electronic
CATALOG NUMBER	259129
MODEL CODE	NZML2-VE160
EAN	4015082591298
PRODUCT LENGTH/DEPTH	149 mm
PRODUCT HEIGHT	184 mm
PRODUCT WIDTH	105 mm
PRODUCT WEIGHT	2.46 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 60947 IEC
GLOBAL CATALOG	259129



Product specification	S
AMPERAGE RATING	160 A
VOLTAGE RATING	690 V - 690 V
CIRCUIT BREAKER FRAME TYPE	NZM2
FEATURES	Motor drive optional Protection unit
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	
BROCHURES	eaton-digital-nzm- brochure-br013003en-en- us.pdf
	eaton-feerum-the-whole- grain-solution-success- story-en-us.pdf
CATALOGS	eaton-digital-nzm-catalog- ca013003en-en-us.pdf
CHARACTERISTIC CURVE	eaton-circuit-breaker-nzm- mccb-characteristic-curve- 006.eps
	eaton-circuit-breaker-nzm- mccb-characteristic-curve- 007.eps
	eaton-circuit-breaker-nzm- mccb-characteristic-curve- 054.eps
DECLARATIONS OF CONFORMITY	eaton-molded-case-circuit- breaker-declaration-of- conformity- eu250291en.pdf
DRAWINGS	eaton-circuit-breaker-nzm- mccb-dimensions-019.eps
	eaton-circuit-breaker- switch-nzm-mccb- dimensions-017.eps
ECAD MODEL	DA-CE-ETN.NZML2-VE160
INSTALLATION VIDEOS	The new digital NZM Range
	Introduction of the new digital circuit breaker NZM
MCAD MODEL	nzmc2 a125 bt.dwg
	nzmc2_a125_bt.stp
PEP ECO-PASSPORT	eaton-molded-case- switches-pep-eato-00195- v0101-en.pdf
TECHNICAL DATA SHEETS	eaton-nzm-technical- information-sheet

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.
POLLUTION DEGREE	3
MOUNTING METHOD	DIN rail (top hat rail) mounting optional Fixed Built-in device fixed built- in technique
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT	21.12 W
UTILIZATION CATEGORY	A (IEC/EN 60947-2)
ISOLATION	500 V AC (between auxiliary contacts and main contacts) 300 V AC (between the auxiliary contacts)
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT STORAGE TEMPERATURE - MAX	70 °C
AMBIENT STORAGE TEMPERATURE - MIN	40 °C
TEMPERATURE - WITH	
NUMBER OF AUXILIARY	0

CONTACTS (CHANGE- OVER CONTACTS)	
NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)	0
NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)	0
PROTECTION AGAINST DIRECT CONTACT	Finger and back-of-hand proof to DIN EN 50274/VDE 0106 part 110
DEGREE OF PROTECTION	IP20 (basic degree of protection, in the operating controls area) IP20
DIRECTION OF INCOMING SUPPLY	As required
ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT	Screw connection
LIFESPAN, MECHANICAL	20000 operations
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION (IP), FRONT SIDE	IP66 (with door coupling rotary handle) IP40 (with insulating surround)
DEGREE OF PROTECTION (TERMINATIONS)	IP00 (terminations, phase isolator and strip terminal) IP10 (tunnel terminal)
NUMBER OF POLES	
NOMBER OF POLES	Three-pole
TERMINAL CAPACITY (COPPER STRIP)	Max. 8 segments of 24 mm x 1 mm (2x) at box terminal Max. 10 segments of 24 mm x 0.8 mm at rear-side connection (punched) Min. 2 segements of 16 mm x 0.8 mm at rear-side connection (punched) Min. 2 segments of 9 mm x 0.8 mm at box terminal Max. 10 segments of 16 mm x 0.8 mm at box terminal
LIFESPAN, ELECTRICAL	10000 operations at 415 V AC-1 6500 operations at 400 V AC-3 7500 operations at 690 V AC-1 5000 operations at 690 V AC-3

	6500 operations at 415 V AC-3 10000 operations at 400 V AC-1
FUNCTIONS	Systems, cable, selectivity and generator protection
ТҮРЕ	Circuit breaker
SPECIAL FEATURES	 Maximum back-up fuse, if the expected short-circuit currents at the installation location exceed the switching capacity of the circuit breaker (Rated short-circuit breaking capacity Icn) R.m.s. value measurement and "thermal memory" Adjustable time delay setting to overcome current peaks tr at 6 x Ir also infinity (without overload releases) Adjustable delay time tsd Rated current = rated uninterrupted current: 160 A
APPLICATION	Use in unearthed supply systems at 690 V
SHOCK RESISTANCE	20 g (half-sinusoidal shock 20 ms)
POSITION OF CONNECTION FOR MAIN CURRENT CIRCUIT	Front side
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	160 A
POWER LOSS	21.12 W
RELEASE SYSTEM	Electronic release
SHORT-CIRCUIT TOTAL BREAKTIME	< 10 ms
RATED SHORT-TIME WITHSTAND CURRENT (T = 0.3 S)	1.3 kA
RATED SHORT-TIME	1.3 kA

WITHSTAND CURRENT (T = 1 S)	
SHORT-CIRCUIT RELEASE DELAYED SETTING - MAX	1600 A
SHORT-CIRCUIT RELEASE DELAYED SETTING - MIN	160 A
SHORT-CIRCUIT RELEASE NON-DELAYED SETTING - MAX	1920 A
SHORT-CIRCUIT RELEASE NON-DELAYED SETTING - MIN	1920 A
TERMINAL CAPACITY (CONTROL CABLE)	0.75 mm ² - 1.5 mm ² (2x) 0.75 mm ² - 2.5 mm ² (1x)
TERMINAL CAPACITY (COPPER BUSBAR)	Max. 24 mm x 8 mm direct at switch rear-side connection Min. 16 mm x 5 mm direct at switch rear-side connection M8 at rear-side screw connection
TERMINAL CAPACITY (COPPER SOLID CONDUCTOR/CABLE)	6 mm² - 16 mm² (2x) direct at switch rear-side connection 16 mm² (1x) at tunnel terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 10 mm² - 16 mm² (1x) at box terminal 6 mm² - 16 mm² (2x) at box terminal
TERMINAL CAPACITY (ALUMINUM SOLID CONDUCTOR/CABLE)	16 mm² (1x) at tunnel terminal
TERMINAL CAPACITY (COPPER STRANDED CONDUCTOR/CABLE)	25 mm² - 70 mm² (2x) direct at switch rear-side connection 25 mm² - 185 mm² (1x) direct at switch rear-side connection 25 mm² - 70 mm² (2x) at box terminal 25 mm² - 185 mm² (1x) at 1-hole tunnel terminal 25 mm² - 185 mm² (1x) at box terminal
TERMINAL CAPACITY (ALUMINUM STRANDED CONDUCTOR/CABLE)	25 mm² - 185 mm² (1x) at tunnel terminal
HANDLE TYPE	Rocker lever
SHORT DELAY CURRENT SETTING (ISD) - MAX	1600 A

SHORT DELAY CURRENT SETTING (ISD) - MIN INSTANTANEOUS CURRENT SETTING (II) - MAX INSTANTANEOUS CURRENT SETTING (II) - MIN NUMBER OF OPERATIONS PER HOUR - MAX OVERLOAD CURRENT SETTING (IR) - MAX OVERLOAD CURRENT SETTING (IR) - MIN RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 230 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 690 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 520 V, 50/60 HZ STANDARD TERMINALS SCREW terminal BOX terminal Connection		
CURRENT SETTING (II) - MAX INSTANTANEOUS CURRENT SETTING (II) - 1920 A MIN NUMBER OF OPERATIONS PER HOUR - MAX OVERLOAD CURRENT SETTING (IR) - MAX OVERLOAD CURRENT SETTING (IR) - MAX OVERLOAD CURRENT SETTING (IR) - MIN RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 230 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 690 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 690 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ STANDARD TERMINALS SCrew terminal		160 A
CURRENT SETTING (II) - MIN NUMBER OF OPERATIONS PER HOUR - 120 OVERLOAD CURRENT SETTING (IR) - MAX OVERLOAD CURRENT SETTING (IR) - MAX OVERLOAD CURRENT SETTING (IR) - MIN RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 230 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 690 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICM AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ STANDARD TERMINALS SCrew terminal	CURRENT SETTING (II) -	1920 A
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SETTING (IR) - MAX OVERLOAD CURRENT SETTING (IR) - MIN RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 230 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 690 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ STANDARD TERMINALS Screw terminal	OPERATIONS PER HOUR -	120
RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 230 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 690 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 690 V, 50/60 HZ STANDARD TERMINALS Screw terminal		160 A
BREAKING CAPACITY ICS (IEC/EN 60947) AT 230 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 690 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 4525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ STANDARD TERMINALS SCREW terminal	• · · · · · · · · · · · · · · · · · · ·	80 A
BREAKING CAPACITY ICS (IEC/EN 60947) AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 690 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 690 V, 50/60 HZ STANDARD TERMINALS Screw terminal	BREAKING CAPACITY ICS (IEC/EN 60947) AT 230 V,	150 kA
BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 690 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 690 V, 50/60 HZ STANDARD TERMINALS Screw terminal	BREAKING CAPACITY ICS (IEC/EN 60947) AT	150 kA
BREAKING CAPACITY ICS (IEC/EN 60947) AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 690 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 690 V, 50/60 HZ STANDARD TERMINALS Screw terminal	BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V,	130 kA
BREAKING CAPACITY ICS (IEC/EN 60947) AT 690 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 690 V, 50/60 HZ STANDARD TERMINALS Screw terminal	BREAKING CAPACITY ICS (IEC/EN 60947) AT 525 V,	100 kA
MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 690 V, 50/60 HZ STANDARD TERMINALS Screw terminal	BREAKING CAPACITY ICS (IEC/EN 60947) AT 690 V,	80 kA
MAKING CAPACITY ICM AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 690 V, 50/60 HZ STANDARD TERMINALS Screw terminal	MAKING CAPACITY ICM	330 kA
MAKING CAPACITY ICM AT 525 V, 50/60 HZ RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 690 V, 50/60 HZ STANDARD TERMINALS Screw terminal	MAKING CAPACITY ICM	286 kA
MAKING CAPACITY ICM AT 690 V, 50/60 HZ STANDARD TERMINALS Screw terminal	MAKING CAPACITY ICM	220 kA
	MAKING CAPACITY ICM	176 kA
Box terminal Connection	STANDARD TERMINALS	Screw terminal
OPTIONAL TERMINALS on rear. Tunnel terminal	OPTIONAL TERMINALS	Box terminal. Connection on rear. Tunnel terminal
RATED SHORT-CIRCUIT MAKING CAPACITY ICM 330 kA AT 240 V, 50/60 HZ	MAKING CAPACITY ICM	330 kA

RATED IMPULSE WITHSTAND VOLTAGE 6000 V (UIMP) AT AUXILIARY **CONTACTS RATED IMPULSE** WITHSTAND VOLTAGE 8000 V (UIMP) AT MAIN **CONTACTS RATED INSULATION** 1000 V AC **VOLTAGE (UI)**

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	



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