

Eaton 192299

Eaton Moeller series NZM - Molded Case Circuit Breaker. NZM3 PXR25 circuit breaker - integrated energy measurement class 1, 400A, 4p, variable, plug-in technology, S, 3

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PRODUCT NAME	Eaton Moeller series NZM molded case circuit breaker electronic
CATALOG NUMBER	192299
PRODUCT LENGTH/DEPTH	335 mm
PRODUCT HEIGHT	215.2 mm
PRODUCT WIDTH	185 mm
PRODUCT WEIGHT	9.42 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 60947 IEC



AMPERAGE RATING	400 A
VOLTAGE RATING	690 V - 690 V
CIRCUIT BREAKER FRAME TYPE	NZM3
FEATURES	Motor drive optional Protection unit
ACCESSORIES REQUIRED	NZM3-4-XSVS
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.

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CHARACTERISTIC CURVE	eaton-circuit-breaker-nzm-mccb-characteristic-curve-022.eps eaton-circuit-breaker-nzm-mccb-characteristic-curve-026.eps
00000	eaton-circuit-breaker- basic-unit-bg3- il012100zu.pdf eaton-circuit-breaker-plug- in-adapter-nzm2-
	il01219023z.pdf
	eaton-circuit-breaker-nzm- mccb-dimensions-016.eps
00	eaton-circuit-breaker- switch-nzm-mccb- dimensions-016.eps
	eaton-circuit-breaker-nzm- mccb-dimensions-021.eps

10.2.7 INSCRIPTIONS 10.3 DEGREE OF PROTECTION OF ASSEMBLIES 10.4 CLEARANCES AND CREEPAGE DISTANCES 10.5 PROTECTION AGAINST ELECTRIC SHOCK 10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS 10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS 10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS 10.9.3 IMPULSE WITHSTAND VOLTAGE 10.9.3 IMPULSE WITHSTAND VOLTAGE 10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL POLLUTION DEGREE 2 LIFESPAN, MECHANICAL UTILIZATION CATEGORY A (IEC/EN 60947-2) MOUNTING METHOD EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT AMBIENT OPERATING TEMPERATURE - MAX AMBIENT OPERATING TEMPERATURE - MAX AMBIENT STORAGE TEMPERATURE - MAX AMBIENT STORAGE TO SE AND CON CETTOR STAND CONCURS - MAX MEEST STORAGE TO SE AND CONTROLOGY A CETTOR CONCURS - CETTOR CONCURS		
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	ISOLATION AMBIENT OPERATING TEMPERATURE - MAX AMBIENT OPERATING TEMPERATURE - MIN AMBIENT STORAGE	auxiliary contacts) 500 V AC (between auxiliary contacts and main contacts) 70 °C -25 °C

TEMPERATURE - MIN	
NUMBER OF AUXILIARY CONTACTS (CHANGE- OVER CONTACTS)	0
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	Other
CURRENT RATING OF NEUTRAL CONDUCTOR	0 - 60% - 100% of phase conductor
OVERVOLTAGE CATEGORY	Ш
DEGREE OF PROTECTION (IP), FRONT SIDE	IP40 (with insulating surround) IP66 (with door coupling rotary handle)
DEGREE OF PROTECTION (TERMINATIONS)	IP10 (tunnel terminal) IP00 (terminations, phase isolator and strip terminal)
NUMBER OF POLES	Four-pole
TERMINAL CAPACITY (COPPER STRIP)	10 segments of 50 mm x 1 mm (2x) at rear-side width extension Min. 6 segments of 16 mm x 0.8 mm at box terminal Max. 10 segments of 24 mm x 1 mm + 5 segments of 24 mm x 1 mm Max. 8 segments of 24 mm x 1 mm Max. 8 segments of 24 mm x 1 mm (2x) at box terminal Min. 6 segments of 16 mm x 0.8 mm at rear-side connection (punched) Max. 10 segments of 32 mm x 1 mm + 5 segments of 32 mm x 1 mm at rear-side connection (punched)
	5000 operations at 415 V

and generator protection Circuit breaker LSI overload protection and delayed and non-delayed short-circuit protective device Class 1 energy measurement, r.m.s. value measurement, and "thermal memory" USB interface for configuration and test function with Power Xpert Protection Manager software Interface module in equipment supplied. Optionally communication-capable with internal Modbus		
## SPECIAL FEATURES 3000 operations at 690 V AC-1 Systems, cable, selectivity and generator protection TYPE Circuit breaker • LSI overload protection and delayed and non-delayed short-circuit protective device • Class 1 energy measurement, r.m.s. value measurement, and "thermal memory" • USB interface for configuration and test function with Power Xpert Protection Manager software • Interface module in equipment supplied. • Optionally communication-capable with internal Modbus RTU module or CAM • 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 breaker (Rated short-circuit breaking capacity lcn) • Rated current = rated uninterrupted current: 400 A • Terminal capacity hint: Up to 240 mm² can be connected depending on the cable		•
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LSI overload protection and delayed and non-delayed short-circuit protective device Class 1 energy measurement, r.m.s. value measurement, and "thermal memory" USB interface for configuration and test function with Power Xpert Protection Manager software Interface module in equipment supplied. Optionally communication-capable with internal Modbus RTU module or CAM 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 lcn) Rated current = rated uninterrupted current: 400 A Terminal capacity hint: Up to 240 mm² can be connected depending on the cable	FUNCTIONS	
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APPLICATION Use in unearthed supply	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	Connection at separate chassis part
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	400 A
RELEASE SYSTEM	Electronic release
SHORT-CIRCUIT TOTAL BREAKTIME	< 10 ms
RATED SHORT-TIME WITHSTAND CURRENT (T = 0.3 S)	3.3 kA
RATED SHORT-TIME WITHSTAND CURRENT (T = 1 S)	3.3 kA
SHORT-CIRCUIT RELEASE DELAYED SETTING - MAX	4000 A
SHORT-CIRCUIT RELEASE DELAYED SETTING - MIN	320 A
SHORT-CIRCUIT RELEASE NON-DELAYED SETTING - MAX	4800 A
SHORT-CIRCUIT RELEASE NON-DELAYED SETTING - MIN	800 A
TERMINAL CAPACITY (CONTROL CABLE)	0.75 mm ² - 2.5 mm ² (1x) 0.75 mm ² - 1.5 mm ² (2x)
TERMINAL CAPACITY (COPPER BUSBAR)	Min. 20 mm x 5 mm direct at switch rear-side connection M10 at rear-side screw connection Max. 30 mm x 10 mm + 30 mm x 5 mm direct at switch rear-side connection Max. 10 mm x 50 mm (2x) at rear-side width extension
TERMINAL CAPACITY (COPPER SOLID CONDUCTOR/CABLE)	16 mm² (1x) at tunnel terminal 16 mm² (2x) at box terminal 16 mm² (2x) direct at switch rear-side connection 300 mm² (2x) at rear-side width extension 16 mm² (1x) direct at switch rear-side connection

TERMINAL CAPACITY (ALUMINUM SOLID CONDUCTOR/CABLE) TERMINAL CAPACITY (COPPER STRANDED CONDUCTOR/CABLE) TERMINAL CAPACITY (COPPER STRANDED CONDUCTOR/CABLE) TERMINAL CAPACITY (COPPER STRANDED CONDUCTOR/CABLE) TERMINAL CAPACITY (ALUMINUM STRANDED CONDUCTOR/CABLE) TERMINAL CAPACITY (BAD MAX STANDED CONDUCTOR/CABLE) TERMING (ISD) - MIN STANTANEOUS CURRENT SETTING (III) - MAX INSTANTANEOUS CURRENT SETTING (III) - MAX OVERLOAD CURRENT SETTING (III) - MAX TEREAKING CAPACITY (CS (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 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 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 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 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 440 V, 50/60 HZ		
TERMINAL CAPACITY (COPPER STRANDED CONDUCTOR/CABLE) TERMINAL CAPACITY (COPPER STRANDED CONDUCTOR/CABLE) TERMINAL CAPACITY (ALUMINUM STRANDED CONDUCTOR/CABLE) TO mm² - 240 mm² (1x) at 2-hole tunnel terminal 50 mm² - 240 mm² (1x) at 2-hole tunnel terminal 25 mm² - 185 mm² (1x) at 12-hole tunnel terminal 25 mm² - 185 mm² (1x) at 12-hole tunnel terminal 25 mm² - 185 mm² (1x) at 12-hole tunnel terminal 25 mm² - 185 mm² (1x) at 12-hole tunnel terminal 25 mm² - 185 mm² (1x) at 12-hole tunnel terminal 25 mm² - 185 mm² (1x) at 12-hole tunnel terminal 25 mm² - 185 mm² (1x) at 12-hole tunnel terminal 25 mm² - 185 mm² (1x) at 12-hole tunnel terminal 25 mm² - 185 mm² (1x) at 12-hole tunnel terminal 25 mm² - 185 mm² (1x) at 12-hole tunnel terminal 25 mm² - 185 mm² (1x) at 12-hole tunnel terminal 25 mm² - 185 mm² (1x) at 12-hole tunnel terminal 25 mm² - 185 mm² (1x) at 12-hole tunnel terminal 25 mm² - 185 mm² (1x) at 100 A SHORT DELAY CURRENT 5ETTING (II) - MAX INSTANTANEOUS CURRENT 5ETTING (II) - MAX OVERLOAD CURRENT 400 A OVERLOAD CURRENT 5ETTING (II) - MAX OVERLOAD CURRENT 5ETTING (II) - MAX OVERLOAD CURRENT 5ETTING (II) - MAX OVERLOAD CURRENT 160 A 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 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 440 V, 50/60 HZ	(ALUMINUM SOLID	· ·
TERMINAL CAPACITY (ALUMINUM STRANDED CONDUCTOR/CABLE) PART DELAY CURRENT SETTING (ISD) - MAX SHORT DELAY CURRENT SETTING (ISD) - MIN INSTANTANEOUS CURRENT SETTING (II) - MAX INSTANTANEOUS CURRENT SETTING (II) - MAX OVERLOAD CURRENT SETTING (II) - 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 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 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 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 440 V, 50/60 HZ	(COPPER STRANDED	box terminal 25 mm² - 240 mm² (1x) direct at switch rear-side connection 25 mm² - 240 mm² (2x) direct at switch rear-side connection 16 mm² - 185 mm² (1x) at 1-hole tunnel terminal 35 mm² - 240 mm² (1x) at
SHORT DELAY CURRENT SETTING (ISD) - MAX 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 400/415 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 400/415 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 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ	(ALUMINUM STRANDED	2-hole tunnel terminal 50 mm ² - 240 mm ² (2x) at 2-hole tunnel terminal 25 mm ² - 185 mm ² (1x) at
SETTING (ISD) - MAX 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 400/415 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 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 440 V, 50/60 HZ	HANDLE TYPE	Rocker lever
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 400/415 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 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 440 V, 50/60 HZ		10 A
CURRENT SETTING (II) - MAX INSTANTANEOUS CURRENT SETTING (II) - 2 A MIN NUMBER OF OPERATIONS PER HOUR - 60 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 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ	***************************************	2 A
CURRENT SETTING (II) - MIN NUMBER OF OPERATIONS PER HOUR - 60 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 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ	CURRENT SETTING (II) -	12 A
OPERATIONS PER HOUR - 60 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 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ	CURRENT SETTING (II) -	2 A
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 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ	OPERATIONS PER HOUR -	60
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 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 18 kA		400 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 18 kA		160 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 18 kA	BREAKING CAPACITY ICS (IEC/EN 60947) AT 230 V,	100 kA
BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V, 50/60 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICS 18 kA	BREAKING CAPACITY ICS (IEC/EN 60947) AT	70 kA
BREAKING CAPACITY ICS 18 kA	BREAKING CAPACITY ICS (IEC/EN 60947) AT 440 V,	65 kA
	BREAKING CAPACITY ICS	18 kA

E0/60 H7	
RATED SHORT-CIRCUIT	
BREAKING CAPACITY ICS (IEC/EN 60947) AT 690 V, 50/60 HZ	6 kA
RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 400/415 V, 50/60 HZ	154 kA
RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 440 V, 50/60 HZ	143 kA
RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 525 V, 50/60 HZ	80 kA
RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 690 V, 50/60 HZ	50 kA
STANDARD TERMINALS	Screw terminal
OPTIONAL TERMINALS	Box terminal. Connection on rear. Tunnel terminal
RATED SHORT-CIRCUIT MAKING CAPACITY ICM AT 240 V, 50/60 HZ	220 kA
RATED IMPULSE WITHSTAND VOLTAGE (UIMP) AT AUXILIARY CONTACTS	6000 V
RATED IMPULSE WITHSTAND VOLTAGE (UIMP) AT MAIN CONTACTS	8000 V
RATED SHORT-CIRCUIT BREAKING CAPACITY ICU (IEC/EN 60947) AT 525 V, 50/60 HZ	36 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICU (IEC/EN 60947) AT 400/415 V, 50/60 HZ	70 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICU (IEC/EN 60947) AT 230 V, 50/60 HZ	100 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICU (IEC/EN 60947) AT 690 V, 50/60 HZ	25 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY ICU (IEC/EN 60947) AT 440 V,	65 kA
50/60 HZ	

(UL489, CSA22.2) AT 240 V, 60 HZ

RATED INSULATION VOLTAGE (UI)

690 V AC

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□□□□ Eaton House 30 Pembroke Road Dublin 4, □□□ Eaton.com 







