## Eaton 278476

Eaton Moeller® series PKZM01 Motorprotective circuit-breaker, 440 V: 0.06 kW, Ir = 0.16 - 0.25 A, IP20

PRODUCT NAME	Eaton Moeller® series PKZM01 Motor-protective circuit-breaker
CATALOG NUMBER	278476
PRODUCT LENGTH/DEPTH	93 mm
PRODUCT HEIGHT	90 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.252 kg
CERTIFICATIONS	IEC/EN 60947 UL Category Control No.: NLRV VDE 0660 UL File No.: E36332 CE CSA CSA Class No.: 3211-05 CSA-C22.2 No. 60947-4-1- 14 IEC/EN 60947-4-1 CSA File No.: 165628 UL 60947-4-1 UL



FEATURES	Phase-failure sensitivity (according to IEC/EN 60947-4-1, VDE 0660 Part 102)
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.

CHARACTERISTIC CURVE	eaton-manual-motor- starters-characteristic- characteristic-curve- 008.eps
DECLARATIONS OF CONFORMITY	eaton-motor-protective- circuit-breaker- declaration-of-conformity- uk251175en.pdf
	<u>IL122012ZU</u>
	IL03407011Z.pdf
	<u>IL03402034Z</u>

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	Is the panel builder's
INSULATING MATERIAL	responsibility.
OPERATING FREQUENCY	responsibility. 25 Operations/h
OPERATING FREQUENCY	25 Operations/h
OPERATING FREQUENCY POLLUTION DEGREE	25 Operations/h  3  Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC
OPERATING FREQUENCY POLLUTION DEGREE CLIMATIC PROOFING	25 Operations/h  3  Damp heat, constant, to IEC 60068-2-78  Damp heat, cyclic, to IEC 60068-2-30
OPERATING FREQUENCY POLLUTION DEGREE  CLIMATIC PROOFING  ACTUATOR TYPE  ADJUSTMENT RANGE UNDELAYED SHORT-	25 Operations/h  3  Damp heat, constant, to IEC 60068-2-78  Damp heat, cyclic, to IEC 60068-2-30  Push button
OPERATING FREQUENCY POLLUTION DEGREE  CLIMATIC PROOFING  ACTUATOR TYPE  ADJUSTMENT RANGE UNDELAYED SHORT- CIRCUIT RELEASE - MAX  ADJUSTMENT RANGE UNDELAYED SHORT-	25 Operations/h  3  Damp heat, constant, to IEC 60068-2-78  Damp heat, cyclic, to IEC 60068-2-30  Push button  3.9 A
OPERATING FREQUENCY POLLUTION DEGREE  CLIMATIC PROOFING  ACTUATOR TYPE  ADJUSTMENT RANGE UNDELAYED SHORT- CIRCUIT RELEASE - MAX  ADJUSTMENT RANGE UNDELAYED SHORT- CIRCUIT RELEASE - MIN  AMBIENT OPERATING	25 Operations/h  3  Damp heat, constant, to IEC 60068-2-78  Damp heat, cyclic, to IEC 60068-2-30  Push button  3.9 A  3.9 A
OPERATING FREQUENCY POLLUTION DEGREE  CLIMATIC PROOFING  ACTUATOR TYPE  ADJUSTMENT RANGE UNDELAYED SHORT- CIRCUIT RELEASE - MAX  ADJUSTMENT RANGE UNDELAYED SHORT- CIRCUIT RELEASE - MIN  AMBIENT OPERATING TEMPERATURE - MAX  AMBIENT OPERATING	25 Operations/h  3  Damp heat, constant, to IEC 60068-2-78  Damp heat, cyclic, to IEC 60068-2-30  Push button  3.9 A  3.9 A
OPERATING FREQUENCY POLLUTION DEGREE  CLIMATIC PROOFING  ACTUATOR TYPE  ADJUSTMENT RANGE UNDELAYED SHORT- CIRCUIT RELEASE - MAX  ADJUSTMENT RANGE UNDELAYED SHORT- CIRCUIT RELEASE - MIN  AMBIENT OPERATING TEMPERATURE - MAX  AMBIENT OPERATING TEMPERATURE - MIN  AMBIENT OPERATING TEMPERATURE - MIN	25 Operations/h  3  Damp heat, constant, to IEC 60068-2-78  Damp heat, cyclic, to IEC 60068-2-30  Push button  3.9 A  55 °C  -25 °C

AMBIENT STORAGE TEMPERATURE - MIN       -40 °C         EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID       5.15 W         HEAT DISSIPATION CAPACITY PDISS       0 W         HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID       1.72 W         INTERNAL RESISTANCE       26500 mΩ         RATED IMPULSE WITHSTAND VOLTAGE (UIMP)       Max. 2000 m         DEVICE CONSTRUCTION       Built-in device fixed built-in technique         CONNECTION       Screw terminals         ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT       Screw connection         MOUNTING POSITION       Can be snapped on to IEC/EN 60715 top-hat rail with 7.5 or 15 mm height.         LIFESPAN, MECHANICAL       50,000 Operations (Main conducting paths)         OVERVOLTAGE CATEGORY       III         DEGREE OF PROTECTION       Terminals: IP00 IP20         NUMBER OF POLES       Three-pole         LIFESPAN, ELECTRICAL       50,000 operations (at 400V, AC-3)         25 g, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms         FUNCTIONS       Motor protection Phase failure sensitive         TERMINAL CAPACITY (SOLID/STRANDED AWG)       18 - 10         OVERLOAD RELEASE CURRENT SETTING - MAX OVERLOAD RELEASE CURRENT SETTING - MAX       0.25 A         OVERLOAD RELEASE <br< th=""><th></th><th></th></br<>		
DISSIPATION, CURRENT-DEPENDENT PVID       5.15 W         HEAT DISSIPATION CAPACITY PDISS       0 W         HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID       1.72 W         INTERNAL RESISTANCE       26500 mΩ         RATED IMPULSE WITHSTAND VOLTAGE (UIMP)       6000 V AC         ALTITUDE       Max. 2000 m         DEVICE CONSTRUCTION       Built-in device fixed built-in technique         CONNECTION       Screw terminals         ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT       Screw connection         MOUNTING POSITION       Can be snapped on to IEC/EN 60715 top-hat rail with 7.5 or 15 mm height.         LIFESPAN, MECHANICAL       50,000 Operations (Main conducting paths)         OVERVOLTAGE CATEGORY       III         DEGREE OF PROTECTION       Terminals: IP00 IP20         NUMBER OF POLES       Three-pole         LIFESPAN, ELECTRICAL       50,000 operations (at 400V, AC-3)         SHOCK RESISTANCE       25 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms         FUNCTIONS       Motor protection Phase failure sensitive         TERMINAL CAPACITY (SOLID/STRANDED AWG)       18 - 10         SWITCHING CAPACITY (SOLID/STRANDED AWG)       0.25 A (3 contacts in series), DC-5 up to 250V 0.25 A, AC-3 up to 440 V         OVERLOAD RELEASE CURRENT SETTING - MAX       0.25 A         <		-40 °C
TERMINAL CAPACITY  SHOCK RESISTANCE  CAPACITY PDISS  HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID  INTERNAL RESISTANCE  RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  ALTITUDE  Max. 2000 m  Built-in device fixed built- in technique  CONNECTION  Screw terminals  ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT  MOUNTING POSITION  LIFESPAN, MECHANICAL  OVERVOLTAGE CATEGORY  DEGREE OF PROTECTION  III  Terminals: IP00 IP20  NUMBER OF POLES  Three-pole  LIFESPAN, ELECTRICAL  SHOCK RESISTANCE  SHOCK RESISTANCE  TERMINAL CAPACITY (SOLID/STRANDED AWG)  OVERLOAD RELEASE CURRENT SETTING - MAX  OUELOAD RELEASE CURRENT SETTING - MAX	DISSIPATION, CURRENT-	5.15 W
POLE, CURRENT-DEPENDENT PVID       1.72 W         INTERNAL RESISTANCE       26500 mΩ         RATED IMPULSE WITHSTAND VOLTAGE (UIMP)       6000 V AC         ALTITUDE       Max. 2000 m         DEVICE CONSTRUCTION       Built-in device fixed built-in technique         CONNECTION       Screw terminals         ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT       Screw connection         MOUNTING POSITION       Can be snapped on to IEC/EN 60715 top-hat rail with 7.5 or 15 mm height.         LIFESPAN, MECHANICAL OVERVOLTAGE CATEGORY       III         DEGREE OF PROTECTION       Terminals: IP00 IP20         NUMBER OF POLES       Three-pole         LIFESPAN, ELECTRICAL       50,000 operations (at 400V, AC-3)         SHOCK RESISTANCE       25 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms         FUNCTIONS       Motor protection Phase failure sensitive         TERMINAL CAPACITY (SOLID/STRANDED AWG)       18 - 10         SWITCHING CAPACITY (SOLID/STRANDED AWG)       0.25 A (3 contacts in series), DC-5 up to 250V 0.25 A, AC-3 up to 440 V         OVERLOAD RELEASE CURRENT SETTING - MAX       0.25 A         OVERLOAD RELEASE CURRENT SETTING - MAX       0.25 A		0 W
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)  ALTITUDE  Max. 2000 m  Built-in device fixed built-in technique  CONNECTION  Screw terminals  ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT  MOUNTING POSITION  LIFESPAN, MECHANICAL  OVERVOLTAGE CATEGORY  DEGREE OF PROTECTION  STORM Three-pole  LIFESPAN, ELECTRICAL  SHOCK RESISTANCE  Terminals: IP00 IP20  NUMBER OF POLES  Three-pole  LIFESPAN, ELECTRICAL  SHOCK RESISTANCE  TERMINAL CAPACITY (SOLID/STRANDED AWG)  SWITCHING CAPACITY  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE  O 16 A	POLE, CURRENT-	1.72 W
WITHSTAND VOLTAGE (UIMP)  ALTITUDE  Max. 2000 m  Built-in device fixed built-in technique  CONNECTION  Screw terminals  ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT  MOUNTING POSITION  LIFESPAN, MECHANICAL  OVERVOLTAGE CATEGORY  DEGREE OF PROTECTION  NUMBER OF POLES  LIFESPAN, ELECTRICAL  SHOCK RESISTANCE  FUNCTIONS  Terminals: IP00 IP20  NOUNTING POLES  Three-pole  LIFESPAN, ELECTRICAL  SHOCK RESISTANCE  DEGREE OF PROTECTION  FUNCTIONS  Motor protection Phase failure sensitive  TERMINAL CAPACITY (SOLID/STRANDED AWG)  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE  O 16 A	INTERNAL RESISTANCE	26500 mΩ
DEVICE CONSTRUCTION  Built-in device fixed built-in technique  CONNECTION  Screw terminals  ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT  MOUNTING POSITION  Can be snapped on to IEC/EN 60715 top-hat rail with 7.5 or 15 mm height.  LIFESPAN, MECHANICAL  OVERVOLTAGE CATEGORY  III  DEGREE OF PROTECTION  NUMBER OF POLES  LIFESPAN, ELECTRICAL  SHOCK RESISTANCE  Terminals: IP00 IP20  Three-pole  LIFESPAN, ELECTRICAL  SO,000 operations (at 400V, AC-3)  25 g, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms  FUNCTIONS  Motor protection Phase failure sensitive  TERMINAL CAPACITY (SOLID/STRANDED AWG)  SWITCHING CAPACITY  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE  O 16 A	WITHSTAND VOLTAGE	6000 V AC
CONNECTION  ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT  MOUNTING POSITION  LIFESPAN, MECHANICAL  OVERVOLTAGE CATEGORY  DEGREE OF PROTECTION  LIFESPAN, ELECTRICAL  SHOCK RESISTANCE  FUNCTIONS  FUNCTIONS  TERMINAL CAPACITY (SOLID/STRANDED AWG)  SYMITCHING CAPACITY (SOLID/STRANDED AWG)  DEGREE ON SCIENCE  III  Terminals: IP00 IP20  Three-pole  50,000 operations (at 400V, AC-3)  25 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms  Motor protection Phase failure sensitive  TERMINAL CAPACITY (SOLID/STRANDED AWG)  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE  O 16 A	ALTITUDE	Max. 2000 m
ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT  MOUNTING POSITION  Can be snapped on to IEC/EN 60715 top-hat rail with 7.5 or 15 mm height.  50,000 Operations (Main conducting paths)  OVERVOLTAGE CATEGORY  III  DEGREE OF PROTECTION IP20  NUMBER OF POLES  Three-pole  LIFESPAN, ELECTRICAL  SHOCK RESISTANCE  FUNCTIONS  FUNCTIONS  TERMINAL CAPACITY (SOLID/STRANDED AWG)  SWITCHING CAPACITY OVERLOAD RELEASE CURRENT SETTING - MAX	DEVICE CONSTRUCTION	
CONNECTION TYPE OF MAIN CIRCUIT  MOUNTING POSITION  Can be snapped on to IEC/EN 60715 top-hat rail with 7.5 or 15 mm height.  LIFESPAN, MECHANICAL  OVERVOLTAGE CATEGORY  DEGREE OF PROTECTION  NUMBER OF POLES  LIFESPAN, ELECTRICAL  SHOCK RESISTANCE  FUNCTIONS  FUNCTIONS  TERMINAL CAPACITY (SOLID/STRANDED AWG)  SWITCHING CAPACITY  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE  CURRENT SETTING - MAX  OVERLOAD RELEASE  CURRENT SETTING - MAX  OVERLOAD RELEASE  CURRENT SETTING - MAX  OVERLOAD RELEASE  O 16 A	CONNECTION	Screw terminals
MOUNTING POSITION  LIFESPAN, MECHANICAL  OVERVOLTAGE CATEGORY  DEGREE OF PROTECTION  NUMBER OF POLES  LIFESPAN, ELECTRICAL  SHOCK RESISTANCE  FUNCTIONS  TERMINAL CAPACITY (SOLID/STRANDED AWG)  SWITCHING CAPACITY (SOLID/STRANDED AWG)  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE CURRENT SETTING - MAX  DOVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE CURRENT SETTING - MAX  DOVERLOAD RELEASE  O 16 A  SOUR AMOUNT DO OPERATIONS (Main conducting paths)  Terminals: IP00 IP20  Terminals: IP00 IP20  Suit China Series (August 1900)  Terminals: IP00 IP20  Sourchinals: IP00 IP20  Terminals: IP00 IP20  Sourchinals: IP00 IP20  Motor poperations (at 400V, AC-3)  Motor protection Phase failure sensitive  18 - 10  0.25 A (3 contacts in series), DC-5 up to 250V 0.25 A, AC-3 up to 440 V  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE  O 16 A	CONNECTION TYPE OF	Screw connection
OVERVOLTAGE CATEGORY  DEGREE OF PROTECTION  NUMBER OF POLES  LIFESPAN, ELECTRICAL  SHOCK RESISTANCE  SHOCK RESISTANCE  Terminals: IP00 IP20  Three-pole  50,000 operations (at 400V, AC-3)  25 g, Mechanical, according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms  FUNCTIONS  Motor protection Phase failure sensitive  TERMINAL CAPACITY (SOLID/STRANDED AWG)  SWITCHING CAPACITY  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE  O 16 A	MOUNTING POSITION	IEC/EN 60715 top-hat rail
DEGREE OF PROTECTION  NUMBER OF POLES  LIFESPAN, ELECTRICAL  SHOCK RESISTANCE  FUNCTIONS  TERMINAL CAPACITY (SOLID/STRANDED AWG)  SWITCHING CAPACITY  OVERLOAD RELEASE CURRENT SETTING - MAX  Terminals: IP00 IP20  Three-pole  50,000 operations (at 400V, AC-3)  25 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms  Motor protection Phase failure sensitive  18 - 10  0.25 A (3 contacts in series), DC-5 up to 250V 0.25 A, AC-3 up to 440 V  0.25 A  0.25 A	LIFESPAN, MECHANICAL	
NUMBER OF POLES  LIFESPAN, ELECTRICAL  SHOCK RESISTANCE  FUNCTIONS  TERMINAL CAPACITY (SOLID/STRANDED AWG)  SWITCHING CAPACITY  OVERLOAD RELEASE CURRENT SETTING - MAX  Three-pole  50,000 operations (at 400V, AC-3)  25 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms  Motor protection Phase failure sensitive  18 - 10  0.25 A (3 contacts in series), DC-5 up to 250V 0.25 A, AC-3 up to 440 V  0.25 A  0.25 A		III
SHOCK RESISTANCE  SHOCK RESISTANCE  SHOCK RESISTANCE  SHOCK RESISTANCE  25 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms  Motor protection Phase failure sensitive  TERMINAL CAPACITY (SOLID/STRANDED AWG)  SWITCHING CAPACITY  O.25 A (3 contacts in series), DC-5 up to 250V 0.25 A, AC-3 up to 440 V  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE  O.16 A	DEGREE OF PROTECTION	
SHOCK RESISTANCE  25 g, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms  FUNCTIONS  Motor protection Phase failure sensitive  TERMINAL CAPACITY (SOLID/STRANDED AWG)  SWITCHING CAPACITY  O.25 A (3 contacts in series), DC-5 up to 250V 0.25 A, AC-3 up to 440 V  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE  O.16 A	NUMBER OF POLES	Three-pole
SHOCK RESISTANCE  according to IEC/EN 60068-2-27, Half- sinusoidal shock 10 ms  Motor protection Phase failure sensitive  TERMINAL CAPACITY (SOLID/STRANDED AWG)  SWITCHING CAPACITY  O.25 A (3 contacts in series), DC-5 up to 250V 0.25 A, AC-3 up to 440 V  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE  O.16 A	LIFESPAN, ELECTRICAL	•
TERMINAL CAPACITY (SOLID/STRANDED AWG)  SWITCHING CAPACITY  OVERLOAD RELEASE CURRENT SETTING - MAX  Phase failure sensitive  18 - 10  0.25 A (3 contacts in series), DC-5 up to 250V 0.25 A, AC-3 up to 440 V  0.25 A	SHOCK RESISTANCE	according to IEC/EN 60068-2-27, Half-
(SOLID/STRANDED AWG)  18 - 10  0.25 A (3 contacts in series), DC-5 up to 250V 0.25 A, AC-3 up to 440 V  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE  0.16 A	FUNCTIONS	-
SWITCHING CAPACITY series), DC-5 up to 250V 0.25 A, AC-3 up to 440 V  OVERLOAD RELEASE CURRENT SETTING - MAX  OVERLOAD RELEASE 0.16 A		18 - 10
CURRENT SETTING - MAX  OVERLOAD RELEASE  0.25 A	SWITCHING CAPACITY	series), DC-5 up to 250V
0.16 A		0.25 A
		0.16 A

RATED FREQUENCY - MAX	60 Hz
RATED FREQUENCY - MIN	50 Hz
RATED OPERATIONAL VOLTAGE (UE) - MAX	440 V
RATED OPERATIONAL VOLTAGE (UE) - MIN	440 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0.25 A
RATED OPERATIONAL POWER AT AC-3E, 220/230 V, 50 HZ	0 kW
RATED OPERATIONAL POWER AT AC-3E, 380/400 V, 50 HZ	0.06 kW
RATED UNINTERRUPTED CURRENT (IU)	0.25 A
STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS	0 W
STRIPPING LENGTH (MAIN CABLE)	10 mm
PRODUCT CATEGORY	Motor protective circuit breaker
PROTECTION	Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)
RATED OPERATIONAL	
POWER AT AC-3E, 440 V, 50 HZ	0.06 kW
	0.06 kW 50 kA
50 HZ RATED SHORT-CIRCUIT BREAKING CAPACITY ICU	
50 HZ  RATED SHORT-CIRCUIT BREAKING CAPACITY ICU AT 400 V AC  RATED SHORT-CIRCUIT BREAKING CAPACITY ICS	50 kA
FATED SHORT-CIRCUIT BREAKING CAPACITY ICU AT 400 V AC RATED SHORT-CIRCUIT BREAKING CAPACITY ICS AT 400 V AC RATED SHORT-CIRCUIT BREAKING CAPACITY ICU	50 kA 50 kA

	terminal, or suitable for group installations, (UL/CSA)
	Basic device fixed 15.5 x lu
SHORT-CIRCUIT RELEASE	± 20% tolerance 3.9 A, Irm
TERMINAL CAPACITY (SOLID)	1 x (1 - 6) mm <sup>2</sup> 2 x (1 - 6) mm <sup>2</sup>
RATED OPERATIONAL CURRENT (IE)	0.25 A
TEMPERATURE COMPENSATION	≤ 0.25 %/K, residual error for T > 40° -5 - 40 °C to IEC/EN 60947, VDE 0660 -25 - 55 °C, Operating range
SHORT-CIRCUIT CURRENT	60 kA DC, up to 250 V DC, Main conducting paths
SHORT-CIRCUIT CURRENT RATING (GROUP PROTECTION)	50 kA, 600 V High Fault, Fuse, SCCR (UL/CSA) with 600 A, 600 V High Fault, Fuse, SCCR (UL/CSA) 50 kA, 600 V High Fault, CB, SCCR (UL/CSA) with 600 A, 600 V High Fault, CB, SCCR (UL/CSA)
TIGHTENING TORQUE	1.7 Nm, Screw terminals, Main cable
SWITCH OFF TECHNIQUE	Thermomagnetic
TERMINAL CAPACITY (FLEXIBLE WITH	2 x (1 - 6) mm <sup>2</sup> , ferrule to DIN 46228 1 x (1 - 6) mm <sup>2</sup> , ferrule to
FERRULE)	DIN 46228

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
:	



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