DATASHEET - NZMB1-A50

Circuit-breaker, 3p, 50A

Part no.	NZMB1-A50
	259076
EL Number	4358701
(Norway)	



(NUI Way)	
General specifications	
Product name	Eaton Moeller series NZM molded case circuit breaker thermo-magnetic
Part no.	NZMB1-A50
EAN	4015082590765
Product Length/Depth	88 millimetre
Product height	145 millimetre
Product width	90 millimetre
Product weight	1.053 kilogram
Compliances	RoHS conform
Certifications	IEC IEC/EN 60947
Product Tradename	NZM
Product Type	Molded case circuit breaker
Product Sub Type	Thermo-magnetic
Delivery program	
Application	Use in unearthed supply systems at 440 V
Туре	Circuit breaker
Circuit breaker frame type	NZM1
Number of poles	Three-pole
Amperage Rating	50 A
Release system	Thermomagnetic release
Features	Protection unit
Special features Technical Data - Electrical	Maximum back-up fuse, if the expected short-circuit currents at the installation location exceed the switching capacity of the circuit breaker (Rated short-circui breaking capacity Icn) Rated current = rated uninterrupted current: 50 A Terminal capacity hint: Up to 95 mm ² can be connected depending on the cable manufacturer.
Voltage rating	440 V - 440 V
Rated insulation voltage (Ui)	690 V AC
Rated impulse withstand voltage (Uimp) at auxiliary contacts	6000 V
Rated impulse withstand voltage (Uimp) at main contacts	6000 V
Instantaneous current setting (li) - min	300 A
Instantaneous current setting (li) - max	500 A
Overload current setting (Ir) - min	40 A
Overload current setting (Ir) - max	50 A
Short delay current setting (Isd) - min	0 A
Short delay current setting (Isd) - max	0 A
Short-circuit release non-delayed setting - min	300 A
Short-circuit release non-delayed setting - max Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 230 V, 50/60 Hz	500 A 30 kA
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	
	18.5 kA 63 kA
	US KA
Rated short-circuit making capacity Icm at 240 V, 50/60 Hz	52 kA
Rated short-circuit making capacity Icm at 240 V, 50/60 Hz Rated short-circuit making capacity Icm at 400/415 V, 50/60 Hz	53 kA
Rated short-circuit making capacity Icm at 240 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	53 kA
Rated short-circuit making capacity Icm at 240 V, 50/60 Hz Rated short-circuit making capacity Icm at 400/415 V, 50/60 Hz	

	500 V AC (between auxiliary contacts and main contacts)
Number of operations per hour - max	120
Handle type	Rocker lever
Utilization category	A (IEC/EN 60947-2)
Overvoltage category	
Pollution degree	3
Lifespan, electrical	7500 operations at 400 V AC-1 7500 operations at 415 V AC-1
Direction of incoming supply	As required
Technical Data - Mechanical	
Mounting Method	DIN rail (top hat rail) mounting optional Built-in device fixed built-in technique Fixed
Degree of protection	IP20 IP20 (basic degree of protection, in the operating controls area)
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)
Protection against direct contact	Finger and back-of-hand proof to DIN EN 50274/VDE 0106 part 110
Shock resistance	20 g (half-sinusoidal shock 20 ms)
Number of auxiliary contacts (change-over contacts)	0
Number of auxiliary contacts (normally closed contacts)	0
Number of auxiliary contacts (normally open contacts)	0
Position of connection for main current circuit	Front side
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
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) Rated current = rated uninterrupted current: 50 A Terminal capacity hint: Up to 95 mm ² can be connected depending on the cable manufacturer.
Lifespan, mechanical	20000 operations
Technical Data - Mechanical - Terminals	
Standard terminals	Box terminal
Optional terminals	Connection on rear. Screw terminal. Tunnel terminal
Terminal capacity (control cable)	
	0.75 mm² 1.5 mm² (2x) 0.75 mm² - 2.5 mm² (1x)
Terminal capacity (aluminum solid conductor/cable)	
Terminal capacity (aluminum solid conductor/cable) Terminal capacity (aluminum stranded conductor/cable)	0.75 mm ² - 2.5 mm ² (1x) 16 mm ² (1x) at tunnel terminal 10 mm ² - 16 mm ² (1x) direct at switch rear-side connection
	0.75 mm ² - 2.5 mm ² (1x) 16 mm ² (1x) at tunnel terminal 10 mm ² - 16 mm ² (1x) direct at switch rear-side connection 10 mm ² - 16 mm ² (2x) direct at switch rear-side connection 25 mm ² - 35 mm ² (1x) direct at switch rear-side connection 25 mm ² - 95 mm ² (1x) at tunnel terminal
Terminal capacity (aluminum stranded conductor/cable)	 0.75 mm² - 2.5 mm² (1x) 16 mm² (1x) at tunnel terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 10 mm² - 16 mm² (2x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) at tunnel terminal 25 mm² - 35 mm² (2x) direct at switch rear-side connection Max. 16 mm x 5 mm direct at switch rear-side connection Max. 16 mm x 5 mm direct at switch rear-side connection
Terminal capacity (aluminum stranded conductor/cable) Terminal capacity (copper busbar)	0.75 mm² - 2.5 mm² (1x) 16 mm² (1x) at tunnel terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 10 mm² - 16 mm² (2x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) at tunnel terminal 25 mm² - 35 mm² (1x) at tunnel terminal 25 mm² - 35 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (2x) direct at switch rear-side connection Max. 16 mm x 5 mm direct at switch rear-side connection Min. 12 mm x 5 mm direct at switch rear-side connection M6 at rear-side screw connection 10 mm² - 16 mm² (1x) at box terminal 10 mm² - 16 mm² (1x) at box terminal 6 mm² - 16 mm² (2x) direct at switch rear-side connection 6 mm² - 16 mm² (2x) direct at switch rear-side connection
Terminal capacity (aluminum stranded conductor/cable) Terminal capacity (copper busbar) Terminal capacity (copper solid conductor/cable)	0.75 mm² - 2.5 mm² (1x) 16 mm² (1x) at tunnel terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 10 mm² - 16 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (2x) direct at switch rear-side connection Max. 16 mm x 5 mm direct at switch rear-side connection Min. 12 mm x 5 mm direct at switch rear-side connection M6 at rear-side screw connection 10 mm² - 16 mm² (1x) direct at switch rear-side connection 6 mm² - 16 mm² (1x) direct at switch rear-side connection 6 mm² - 16 mm² (1x) direct at switch rear-side connection 6 mm² - 16 mm² (2x) at box terminal 10 mm² - 16 mm² (2x) direct at switch rear-side connection 6 mm² - 16 mm² (2x) direct at switch rear-side connection 16 mm² - 10 mm² (2x) at box terminal 10 mm² - 25 mm² (2x) at box terminal 6 mm² - 25 mm² (1x) at box terminal 10 mm² - 30 mm² (1x) at box terminal 25 mm² - 25 mm² (1x) at 1-hole tunnel terminal 25 mn² - 35 mm² (1x) at 1-hole tunnel terminal 25 mn² - 35 mn² (1x) at tor.hole tunnel terminal 25 mn² - 35 mn² (1x) at tor
Terminal capacity (aluminum stranded conductor/cable) Image: Conductor/cable) Terminal capacity (copper busbar) Image: Conductor/cable) Terminal capacity (copper solid conductor/cable) Image: Conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Conductor/cable)	0.75 mm² - 2.5 mm² (1x) 16 mm² (1x) at tunnel terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) at tunnel terminal 25 mm² - 35 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (2x) direct at switch rear-side connection Max. 16 mm x 5 mm direct at switch rear-side connection Min. 12 mm x 5 mm direct at switch rear-side connection M6 at rear-side screw connection 10 mm² - 16 mm² (1x) at box terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 6 mm² - 16 mm² (2x) direct at switch rear-side connection 16 mm² (1x) at box terminal 0 mm² - 16 mm² (2x) direct at switch rear-side connection 16 mm² (1x) at tunnel terminal 0 mm² - 25 mm² (2x) at box terminal 10 mm² - 70 mm² (1x) at box terminal 10 mm² - 70 mm² (1x) at box terminal 25 mm² - 25 mm² (1x) at 1-hole tunnel terminal 25 m² - 25 mm² (1x) at 1-hole tunnel terminal 25 m² - 25 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 m² - 70 mm² (1x) direct at switch rear-side connection
Terminal capacity (aluminum stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper busbar) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Comparison of the stranded conductor/cable)	0.75 mm² - 2.5 mm² (1x) 16 mm² (1x) at tunnel terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) at tunnel terminal 25 mm² - 35 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (2x) direct at switch rear-side connection Max. 16 mm x 5 mm direct at switch rear-side connection Min. 12 mm x 5 mm direct at switch rear-side connection M6 at rear-side screw connection 10 mm² - 16 mm² (1x) at box terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 6 mm² - 16 mm² (2x) direct at switch rear-side connection 16 mm² (1x) at box terminal 0 mm² - 16 mm² (2x) direct at switch rear-side connection 16 mm² (1x) at tunnel terminal 0 mm² - 25 mm² (2x) at box terminal 10 mm² - 70 mm² (1x) at box terminal 10 mm² - 70 mm² (1x) at box terminal 25 mm² - 25 mm² (1x) at 1-hole tunnel terminal 25 m² - 25 mm² (1x) at 1-hole tunnel terminal 25 m² - 25 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 m² - 70 mm² (1x) direct at switch rear-side connection
Terminal capacity (aluminum stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper solid conductor/cable) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Design verification as per IEC/EN 61439 - technical data Image: Comparison of the stranded conductor/cable)	0.75 mm² - 2.5 mm² (1x) 16 mm² (1x) at tunnel terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) at tunnel terminal 25 mm² - 35 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) direct at switch rear-side connection Max. 16 mm x 5 mm direct at switch rear-side connection Min. 12 mm x 5 mm direct at switch rear-side connection M6 at rear-side screw connection 10 mm² - 16 mm² (1x) at box terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 6 mm² - 16 mm² (2x) direct at switch rear-side connection 16 mm² (1x) at box terminal 0 mm² - 16 mm² (2x) direct at switch rear-side connection 16 mm² (1x) at tunnel terminal 0 mm² - 25 mm² (2x) at box terminal 10 mm² - 70 mm² (1x) at box terminal 10 mm² - 70 mm² (1x) at box terminal 25 mm² - 25 mm² (1x) at 1-hole tunnel terminal 25 m² - 95 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection </td
Terminal capacity (aluminum stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper busbar) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Design verification as per IEC/EN 61439 - technical data Image: Comparison of the stranded conductor (In)	0.75 mm² - 2.5 mm² (1x)16 mm² (1x) at tunnel terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 0 mm² - 16 mm² (2x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) at tunnel terminal 25 mm² - 35 mm² (1x) at tunnel terminal 25 mm² - 35 mm² (2x) direct at switch rear-side connection Max. 16 mm x 5 mm direct at switch rear-side connection Max. 16 mm x 5 mm direct at switch rear-side connection M6 at rear-side screw connection10 mm² - 16 mm² (1x) at box terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 6 mm² - 16 mm² (1x) direct at switch rear-side connection 6 mm² - 16 mm² (2x) at box terminal 6 mm² - 16 mm² (2x) at box terminal 6 mm² - 16 mm² (1x) at tox terminal 10 mm² - 70 mm² (1x) at box terminal 25 mm² - 95 mm² (1x) at tox terminal 25 mm² - 25 mm² (2x) direct at switch rear-side connection 16 mm² (1x) at 1-hole tunnel terminal 25 mm² - 20 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection1150 A
Terminal capacity (aluminum stranded conductor/cable) Terminal capacity (copper busbar) Terminal capacity (copper solid conductor/cable) Terminal capacity (copper solid conductor/cable) Terminal capacity (copper stranded conductor/cable) Equipment heat dissipation, current-dependent	0.75 mm² - 2.5 mm² (1x)16 mm² (1x) at tunnel terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) at tunnel terminal 25 mm² - 35 mm² (1x) direct at switch rear-side connection Max. 16 mm x 5 mm direct at switch rear-side connection Min. 12 mm x 5 mm direct at switch rear-side connection M6 at rear-side screw connection10 mm² - 16 mm² (1x) at box terminal 10 mm² - 16 mm² (1x) at box terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection M6 at rear-side screw connection10 mm² - 16 mm² (1x) at box terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 16 mm² (1x) at tox terminal 6 mm² - 16 mm² (2x) direct at switch rear-side connection 16 mm² (1x) at tunnel terminal10 mm² - 25 mm² (2x) at box terminal 10 mm² - 16 mm² (1x) at box terminal 25 mm² (1x) at tunnel terminal10 mm² - 25 mm² (1x) direct at switch rear-side connection 16 mm² (1x) at tunnel terminal 25 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 m² - 70 mm² (1x) direct at
Terminal capacity (aluminum stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper busbar) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper solid conductor/cable) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Terminal capacity (copper stranded conductor/cable) Image: Comparison of the stranded conductor/cable) Design verification as per IEC/EN 61439 - technical data Image: Comparison of the stranded conductor/cable) Rated operational current for specified heat dissipation (ln) Image: Comparison of the stranded conductor/cable) Equipment heat dissipation, current-dependent Image: Comparison of the stranded conductor/cable)	0.75 mm² - 2.5 mm² (1x)16 mm² (1x) at tunnel terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 0 mm² - 16 mm² (2x) direct at switch rear-side connection 25 mm² - 35 mm² (1x) at tunnel terminal 25 mm² - 35 mm² (1x) at tunnel terminal 25 mm² - 35 mm² (2x) direct at switch rear-side connection Max. 16 mm x 5 mm direct at switch rear-side connection M6 at rear-side screw connection10 mm² - 16 mm² (1x) at box terminal 10 mm² - 16 mm² (1x) at box terminal 10 mm² - 16 mm² (1x) direct at switch rear-side connection 6 mm² - 16 mm² (1x) direct at switch rear-side connection 16 mm² (1x) at box terminal 6 mm² - 16 mm² (2x) direct at switch rear-side connection 16 mm² (1x) at tunnel terminal 25 mm² - 25 mm² (2x) at box terminal 10 mm² - 70 mm² (1x) at box terminal 25 mm² - 25 mm² (1x) at 1-hole tunnel terminal 25 mm² - 25 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 mm² - 70 mm² (1x) direct at switch rear-side connection 10 m² - 70 mm² (1x) direct at switch rear-side connection 10 m² - 70 mm² (1x) direct at switch rear-side connection 10 m² - 70 mm² (1x) direct at switch rear-side connection 10 m² - 70 m² (1x) direct direc

Design verification as per IEC/EN 61439	
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 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	Is 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	Is the panel builder's responsibility.
10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
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 b observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must b observed.
10.13 Mechanical function	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
dditional information	
Functions	System and cable protection

Technical data ETIM 9.0

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Low-voltage industrial components (EG000017) / Power circuit-breaker for trafo/genera	ator/installation prote	ction (EC000228)
Electric engineering, automation, process control engineering / Low-voltage switch teo protection (ecl@ss13-27-37-04-09 [AJZ716018])	chnology / Circuit bre	aker (LV < 1 kV) / Circuit breaker for power transformer, generator and system
Rated permanent current lu	А	50
Rated voltage	V	440 - 440
Rated short-circuit breaking capacity Icu at 400 V, 50 Hz	kA	25
Overload release current setting	А	40 - 50
Adjustment range short-term delayed short-circuit release	А	0 - 0
Adjustment range undelayed short-circuit release	А	300 - 500
Power loss	W	13.2
Device construction		Built-in device fixed built-in technique
Integrated earth fault protection		No
Type of electrical connection of main circuit		Frame clamp
Suitable for DIN rail (top hat rail) mounting		No
DIN rail (top hat rail) mounting optional		Yes
Number of auxiliary contacts as normally closed contact		0
Number of auxiliary contacts as normally open contact		0
Number of auxiliary contacts as change-over contact		0
With switched-off indicator		No
With integrated under voltage release		No
Number of poles		3
Position of connection for main current circuit		Front side
Type of control element		Rocker lever
Complete device with protection unit		Yes
Motor drive integrated		No
Motor drive optional		No

01/20/2024

IP20