Circuit-breaker 4 pole, 125A



Part no. NZMS2-4-A125 109988

Number of poles Amperage Rating Features Special features	General specifications	
EAN	Product name	Eaton Moeller series NZM molded case circuit breaker thermo-magnetic
Product Inargh/Dipth Product Indignate P	Part no.	NZMS2-4-A125
Product Neight 18 millimetre 18 millimet	EAN	4015081095544
Product width 140 millimeter Product requist 3 kologeam Compliances 845 conform Product Type Model case circuit breaker Product Stap Type Thermo-magnetic Perford type Thermo-magnetic Product Stap Type Four-pole Product Stap Type Thermo-magnetic Product Stap Type 125 A Product Stap Type 125 A Rest or comment of the commen	Product Length/Depth	149 millimetre
Product Tolerame Product Tolerame Product Tolerame Product So Tryo Product So	Product height	184 millimetre
Compliances Product Tuelname Product Tuelname Product Sub Type Product Sub	Product width	140 millimetre
Product Tudentame NZM Product Stype Moded case circuit breaker Product Stype Moded case circuit breaker Product Stype Thermo-magnetic Delivery program Four-pole Amperage Rating 125 A Special features Red current - rated uninterrupted current. 125 A Special features 880 ∨ - 580 ∨ Special features 880 ∨ - 580 ∨ Current rating of neartal conductor 100% of phase conductor Lineatantaneous current setting (10 - min 0 A Instantaneous current setting (10 - min 0 A Overland current setting (10 - max 100 A - 125 A Short delay current setting (10 - max 10 A - 125 A Short delay current setting (10 - max 0 A Short delay current setting (10 - max 0 A Short delay current setting (10 - max 0 A Short delay current setting (10 - max 0 A Short delay current setting (10 - max 0 A Short delay current setting (10 - max 0 A Short delay current setting (10 - max 0 A Short delay current setting (10 - max <th< td=""><td>Product weight</td><td>3 kilogram</td></th<>	Product weight	3 kilogram
Product Type Product Sub Type Product Su	Compliances	RoHS conform
Product Sub Type Product Sub	Product Tradename	NZM
Number of poles Number of poles Amperage Rating Fostaries Special features Rated Certifical Voltage rating Current rating of neutral conductor Instantaneous current setting (1) - min Instantaneous current setting (1) - max Overload current setting (1) - max In In India Current setting (1) - max In India Current set	Product Type	Molded case circuit breaker
Number of poles Amperage Rating Features Special features	Product Sub Type	Thermo-magnetic
Features Special features Special features Rated current = rated uninterrupted current: 125 A Retail Current = rated uninterrupted current: 125 A Sechical Data - Electrical Voltage rating Current rating of neutral conductor Union attainance surrent setting (ii) - min Instantaneous current setting (ii) - mix Overload current setting (ii) - mix Overload current setting (ii) - mix Overload current setting (ii) - mix Short delay current setting (ii) - mix Short delay current setting (ii) - mix Oxerload current setting (ii) - mix Short delay current setting (ii) - mix Oxerload current setting (ii) - mix Oxerload current setting (ii) - mix Short delay current setting (ii) - mix Oxerload current setting (ii) - mix Oxerload current setting (ii) - mix Short delay current setting (ii) - mix Oxerload current setting (iii) - mix Oxerload current set	Delivery program	
Features Special features Sechnical Data - Electrical Voltage rating Current rating of neutral conductor Instantaneous current setting (ii) - min Instantaneous current setting (ii) - max Overload current setting (ii) - max Short delay current setting (is) - max Short delay current setting (is) - max Short delay current setting (is) - max Short-circuit release non-delayed setting - min Sorter circuit release non-delayed setti		Four-pole
Special features Mated current = rated uninterrupted current: 125 A Excellated Data - Electrical Sego V Votage rating 589 V - 589 V Current rating of neutral conductor 100% of phase conductor Instantaneous current setting (ii) - min 6 A Instantaneous current setting (ii) - max 100 A - 125 A Overload current setting (ir) - max 100 A Overload current setting (is) - max 100 A Short diday current setting (is) - max 0 A Short delay current setting (is) - max 0 A Short divaly current setting (is) - max 0 A Short-circuit release non-delayed setting - min 6 A Short-circuit release non-delayed setting - min 6 A Short-circuit release non-delayed setting - min 70 IA Rated short-circuit brasing capacity ics (IEC/EN 80947) at 400/415 V, 50/80 Hz Recker lever Beletrical connection type of main circuit Rocker lever Recker lever Position of auxiliary contacts (change-over contacts) 0 Recker lever Provision of auxiliary contacts (change-over contacts) 0 0 Number of auxiliary contacts (normally closed contacts)	Amperage Rating	125 A
Special features Solution Data - Electrical Voltage rating Current rating of notural conductor Instantaneous current setting (ii) - min Instantaneous current setting (ii) - max Overload current setting (ii) - min Overload current setting (iii)		Protection unit
A colonical Data - Electrical Voltage rating Voltage rating Voltage rating Voltage rating Current rating of neutral conductor Instantaneous current setting (ii) - min Instantaneous current setting (ii) - max Overload current setting (ii) - max Overload current setting (ii) - min Short delay current setting (ii) - max Short delay current setting (ii) - max A C A Short-circuit rolease non-delayed setting - min Short-circuit rolease non-delayed setting - min Short-circuit rolease non-delayed setting - min Rated short-circuit breaking capacity (is (IEC/EN 60947) at 400/415 V, 50/80 Hz Electrical connection type of main circuit Handle type Geofinical Data - Mechanical Mounting Method Digree of protection Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally open contacts) Position of connection for main current circuit Special features Position of connection for main current circuit Special features Position of connection for main current circuit Special features Anbient operating temperature - min Ambient operating temperature - min		
Voltage rating Current rating of neutral conductor Current rating of neutral conductor Instantaneous current setting (ii) - min Instantaneous current setting (ii) - max Overload current setting (ii) - max Overload current setting (ii) - max 100 A - 125 A Overload current setting (iii) - max 100 A - 125 A Overload current setting (iii) - max 125 A Short delay current setting (iii) - max Overload current intended setting (iii) - max Overload current intended current	Special features	Rated current = rated uninterrupted current: 125 A
Current rating of neutral conductor Instantaneous current setting (II) - min Instantaneous current setting (II) - max Overload current setting (II) - max Overload current setting (II) - max Overload current setting (II) - max 100 A - 125 A Short delay current setting (II) - max Short-circuit release non-delayed setting - min Short-circuit release non-delayed setting - min Short-circuit release non-delayed setting - max Rated short-circuit bræking capacity its (IEC/EN 60947) at 400/415 V, 50/60 Hz Electrical connection type of main circuit Handle type Centrical Data - Mechanical Mounting Method Degree of protection Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally open contacts) Number of auxiliary contacts (normally open contacts) Position of connection for main current circuit Special features Position of connection for main current circuit Ambient operating temperature - min Ambient operating temperature - max Ambient operating temperature - max Ambient operating temperature - max Ambient storage temperature - min Ambient operating temperature - min	Technical Data - Electrical	
Instantaneous current setting (II) - min Instantaneous current setting (II) - max Overload current setting (II) - min Overload current setting (II) - min Overload current setting (II) - min Overload current setting (II) - max 100 A Short delay current setting (III) - max Short delay current setting (III) - max Short delay current setting (III) - max Short-circuit release non-delayed setting - min Short-circuit release non-delayed setting - max Bated short-circuit threaking capacity Ics (IEC/EN 60947) at 400/415 V, 50/80 Hz Electrical connection type of main circuit Handle type Cechnical Data - Mechanical Mounting Method DIN rail (top hat rail) mounting optional Built-in device fixed built-in technique Peace of protection Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally closed contacts) Number of auxiliary contacts (normally open contacts) Pesition of connection for main current circuit Special features Pesition of connection for main current circuit Equipment heat dissipation, current-dependent Equipment heat dissipation, current-dependent Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient operating temperature - min Ambient operating temperature - max	Voltage rating	690 V - 690 V
Instantaneous current setting (Ir) - max Overload current setting (Ir) - min Short delay current setting (Isd) - max Short delay current setting (Isd) - max Short-circuit release non-delayed setting - min Short-circuit release non-delayed setting - min Short-circuit release non-delayed setting - max Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 400/415 V, 50/60 Hz Electrical connection type of main circuit Handle type **Cethnical Data - Mechanical** Mounting Method Degree of protection Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (hormally closed contacts) Number of auxiliary contacts (normally closed contacts) Pesition of connection for main current circuit Special features Design verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min	Current rating of neutral conductor	100% of phase conductor
Diverload current setting (Ir) - min Overload current setting (Ir) - max Short delay current setting (Isd) - min Short-circuit trelase non-delayed setting - min Short-circuit trelase non-delayed setting - min Short-circuit trelase non-delayed setting - max Rated short-circuit breaking capacity (Is (IEC/EN 60947) at 400/415 V, 50/60 Hz Electrical connection type of main circuit Handle type Rocker lover Rocker lov	Instantaneous current setting (Ii) - min	6 A
Overload current setting (Ir) - min Overload current setting (Ir) - max Short delay current setting (Isd) - max Short delay current setting (Isd) - max Short-circult release non-delayed setting - max Rated short-circult release non-delayed setting - max Rated short-circult breaking capacity Ics (IEC/EN 60947) at 400/415 V, 50/60 Hz Electrical connection type of main circuit Handle type Rethnical Data - Mechanical Mounting Method DIN rail (top hat rail) mounting optional Built-in device fixed built-in technique Degree of protection Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally closed contacts) Overload ruiliary contacts (normally open contacts) Special features Design verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient storage temperature - max Ambient storage temperature - max Ambient storage temperature - max Ambient storage temperature - max 70 °C 100 C 100 A 100 A	Instantaneous current setting (Ii) - max	10 A
Deveload current setting (Ir) - max 125 A	Overload current setting (Ir)	100 A - 125 A
Short delay current setting (Isd) - min Short delay current setting (Isd) - max Short-circuit release non-delayed setting - min Short-circuit release non-delayed setting - max Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 400/415 V, 50/60 Hz Electrical connection type of main circuit Handle type Rocker lever Screw connection Mounting Method Dil rail (top hat rail) mounting optional Built-in device fixed built-in technique Built-in device fixed built-in technique Degree of protection Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally closed contacts) Number of auxiliary contacts (normally open contacts) Position of connection for main current circuit Special features Design verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient operating temperature - min Ambient storage temperature - max Ambient storage temperature - max	Overload current setting (Ir) - min	100 A
Short delay current setting (Isd) - max Short-circuit release non-delayed setting - min Short-circuit release non-delayed setting - max Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 400/415 V, 50/60 Hz Electrical connection type of main circuit Handle type Screw connection Mounting Method DIN rail (top hat rail) mounting optional Built-in device fixed built-in elechnique Degree of protection Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally closed contacts) Number of auxiliary contacts (normally closed contacts) Position of connection for main current circuit Special features Design verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient operating temperature - max Anbient storage temperature - max Ambient storage temperature - max Ambient storage temperature - max Ambient storage temperature - max 70 °C	Overload current setting (Ir) - max	125 A
Short-circuit release non-delayed setting - min Short-circuit release non-delayed setting - max 10 A Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 400/415 V, 50/60 Hz Electrical connection type of main circuit Handle type Rocker lever Fechnical Data - Mechanical Mounting Method DIN rail (top hat rail) mounting optional Built-in device fixed built-in technique Degree of protection Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally closed contacts) Outper of auxiliary contacts (normally open contacts) Vaniber of auxiliary contacts (normally open contacts) Position of connection for main current circuit Special features Rated current = rated uninterrupted current: 125 A Design verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient operating temperature - min Ambient storage temperature - max	Short delay current setting (Isd) - min	0 A
Short-circuit release non-delayed setting - max Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 400/415 V, 50/60 Hz Electrical connection type of main circuit Handle type Rocker lever Fechnical Data - Mechanical Mounting Method DIN rail (top hat rail) mounting optional Built-in device fixed built-in technique Degree of protection Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally closed contacts) Number of auxiliary contacts (normally open contacts) Position of connection for main current circuit Special features Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient operating temperature - max Ambient storage temperature - max	Short delay current setting (Isd) - max	0 A
Rated short-circuit breaking capacity lcs (IEC/EN 60947) at 400/415 V, 50/60 Hz Electrical connection type of main circuit Handle type Rocker lever Bull rail (top hat rail) mounting optional guilt-in device fixed built-in technique Degree of protection Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally closed contacts) Number of auxiliary contacts (normally open contacts) Position of connection for main current circuit Special features Design verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient operating temperature - max Ambient storage temperature - min Ambient storage temperature - min Ambient storage temperature - min Ambient storage temperature - max Andient storage temperature - max 70 °C	Short-circuit release non-delayed setting - min	6 A
Electrical connection type of main circuit Handle type Fechnical Data - Mechanical Mounting Method DIN rail (top hat rail) mounting optional Built-in device fixed built-in technique Pegree of protection Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally closed contacts) Number of auxiliary contacts (normally open contacts) Number of auxiliary contacts (normally open contacts) Position of connection for main current circuit Special features Design verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient operating temperature - max Ambient storage temperature - min Ambient storage temperature - mix Ambient storage temperature - max Ambient storage temperature - max 70 °C	Short-circuit release non-delayed setting - max	10 A
Handle type Fechnical Data - Mechanical Mounting Method Din rail (top hat rail) mounting optional Built-in device fixed built-in technique Degree of protection Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally closed contacts) Number of auxiliary contacts (normally open contacts) Position of connection for main current circuit Special features Pesign verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient operating temperature - mix Ambient storage temperature - mix Ambient storage temperature - mix Position of connection for main current dependent Ambient storage temperature - mix 70 °C Ambient storage temperature - mix 70 °C	Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 400/415 V, 50/60 Hz	70 kA
Mounting Method DIN rail (top hat rail) mounting optional Built-in device fixed built-in technique Degree of protection Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally closed contacts) Number of auxiliary contacts (normally open contacts) Position of connection for main current circuit Special features Design verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient operating temperature - max Ambient storage temperature - min Ambient storage temperature - max Ambient storage temperature - max Ambient storage temperature - max 70 °C	Electrical connection type of main circuit	Screw connection
Mounting Method DIN rail (top hat rail) mounting optional Built-in device fixed built-in technique IP20 Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally closed contacts) Number of auxiliary contacts (normally open contacts) Number of auxiliary contacts (normally open contacts) Position of connection for main current circuit Special features Design verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient storage temperature - max Ambient storage temperature - min Ambient storage temperature - max	Handle type	Rocker lever
Built-in device fixed built-in technique Degree of protection Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally closed contacts) Number of auxiliary contacts (normally open contacts) Position of connection for main current circuit Special features Design verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient storage temperature - min Ambient storage temperature - max Ambient storage temperature - max Built-in device fixed built-in technique IP20 0 Concluded 10 Concluded 1	Technical Data - Mechanical	
Number of auxiliary contacts (change-over contacts) Number of auxiliary contacts (normally closed contacts) Number of auxiliary contacts (normally open contacts) Position of connection for main current circuit Special features Pesign verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient operating temperature - max Ambient storage temperature - min Ambient storage temperature - max O ° C Ambient storage temperature - max O ° C		Built-in device fixed built-in technique
Number of auxiliary contacts (normally closed contacts) Number of auxiliary contacts (normally open contacts) Position of connection for main current circuit Special features Design verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient operating temperature - max Ambient storage temperature - min 70 °C 70 °C		
Number of auxiliary contacts (normally open contacts) Position of connection for main current circuit Special features Rated current = rated uninterrupted current: 125 A Pesign verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient operating temperature - max 70 °C Ambient storage temperature - min 40 °C Ambient storage temperature - max 70 °C		
Position of connection for main current circuit Special features Rated current = rated uninterrupted current: 125 A Pesign verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient operating temperature - max Ambient storage temperature - min 40 °C Ambient storage temperature - max 70 °C		
Rated current = rated uninterrupted current: 125 A Pesign verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient operating temperature - max 70 °C Ambient storage temperature - min 40 °C Ambient storage temperature - max 70 °C	, , , , , , , , , , , , , , , , , , ,	
Design verification as per IEC/EN 61439 - technical data Equipment heat dissipation, current-dependent Ambient operating temperature - min Ambient operating temperature - max 70 °C Ambient storage temperature - min 40 °C Ambient storage temperature - max		
Equipment heat dissipation, current-dependent Ambient operating temperature - min -25 °C Ambient operating temperature - max 70 °C Ambient storage temperature - min 40 °C Ambient storage temperature - max 70 °C	· ·	Hated current = rated uninterrupted current: 125 A
Ambient operating temperature - min Ambient operating temperature - max 70 °C Ambient storage temperature - min 40 °C Ambient storage temperature - max 70 °C	-	
Ambient operating temperature - max 70 °C Ambient storage temperature - min 40 °C Ambient storage temperature - max 70 °C	Equipment heat dissipation, current-dependent	
Ambient storage temperature - min 40 °C Ambient storage temperature - max 70 °C	Ambient operating temperature - min	
Ambient storage temperature - max 70 °C	Ambient operating temperature - max	70 °C
· ·	Ambient storage temperature - min	40 °C
Design verification as per IEC/EN 61439	Ambient storage temperature - max	70 °C
	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 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.