DATASHEET - NZMH2-A25-S1

Circuit-breaker, 3p, 25A 1000V



Part no. NZMH2-A25-S1 290356 EL Number 4359032 (Norway)

General specifications

TypeCircuit breakerCircuit breakerCircuit breaker frame typeIMEIMENumber of polesIMEThree-poleAmperage RatingIMEIMERelease systemIMEIMEFeaturesProtection unit Motor drive optionalSpecial featuresIMEIfespan, mechanical: of which max. 50 % trip by shunt/undervoltage release Rated current = rated uninterrupted current: 25 A Terminal capacity hint: Up to 240 mm² can be connected depending on the cable manufacturer.		
EM 6450253555 Product length/Upph 149 millinetre Product length/Upph 149 millinetre Product length/Upph 150 millinetre Product length/Upph 150 millinetre Product length/Upph 150 millinetre Oronglancers 150 millinetre Product length/Upph 150 millinetre Relates stypin 170 millinetre Approxed length 150 millinetre <td>Product name</td> <td>Eaton Moeller series NZM molded case circuit breaker thermo-magnetic</td>	Product name	Eaton Moeller series NZM molded case circuit breaker thermo-magnetic
Polici kajnImage statisticsPolici kajnImage statis	Part no.	NZMH2-A25-S1
Preductively Image: Second S	EAN	4015082903565
Predect withit 18 1	Product Length/Depth	149 millimetre
Product weight 248 klag am Comprisions Roll Score Contractions Roll Score Product Trademane Roll Score Roll Score Roll Score	Product height	184 millimetre
Compliance Product Trademanne Product Trademanne Product Trademanne Product Sub Trage Moded case sircuit brasker Product Sub Trage Product Sub Trage Product Trage Product Sub Trage Product Trage Product Sub Trage Product Trage Product Trage <tr< td=""><td>Product width</td><td>105 millimetre</td></tr<>	Product width	105 millimetre
Image: Control of the second of the	Product weight	2.345 kilogram
Product Type NZM Product Type Moded case incut breaker Product Type Description Product Sub Type Description Type Description Type Description Number of points Description Augerage Rating Description Augerage Rating Description Peakers Description Special features Description Special features Description Valage rating Description Rated anglow whitsted voltage (Unit) Description Rated impudes withsted voltage (Unit) Description	Compliances	RoHS conform
Product Type Moldad case circuit breaker Product Sub Type Termo-magnetic Divery program Circuit breaker frame type Circuit breaker frame type Circuit breaker frame type Circuit breaker frame type Circuit breaker frame type Circuit breaker frame type Circuit breaker frame type Circuit breaker frame type Circuit breaker frame type Circuit breaker frame type Circuit breaker frame type Amperage Raing Circuit breaker frame type SA Release system Protection minit Mode Control Circuit breaker frame type Fostures Voltage raine Voltage raine Nuclei Cast Electrical Voltage raine Voltage raine Nothige raining Circuit breaking voltage (Uing) at anciences contracts Mode Voltage (Uing) at anciences contracts Rated short-tircuit setting (V) - inin Circuit breaker SOOV VC Rated short-tircuit setting (V) - inin SOA SOA Notadio current setting (V) - inin SOA SOA Rated short-tircuit breaking cagearly (Lircuit breaking ca	Certifications	IEC
Product Sub Type Preduct Sub Type Preduct Sub Type Product Sub Type Circuit breaker Type Circuit breaker Circuit breaker frame type Circuit breaker Amber of pols Mather of pols Amber of pols There pole Anoproge Raing There pole Release System Precection unit Matter dive optional Special features Precection unit Matter dive optional Special features There pole Special features Special features Rade dont-site withstand current = a (Special features)	Product Tradename	NZM
Delivary program Image Image Image Type Number of pois Number of pois Number of pois Amperage Rating Tree-pois Number of pois Relate system Tree-pois Second Pertures Tree-pois Second Partures Tree-pois Second Partures Tree-pois Second Partures Tree-pois Second Partures Tree-pois Second Number of pois Second Tree-pois Number of pois Tree-pois Second Partures Tree-pois Tree-pois Number of pois Tree-pois Second Number of pois Tree-pois Tree-pois Rated mois sethore (Unig) at auailary	Product Type	Molded case circuit breaker
TypeCircuit brasker (rame sype)Circuit brasker (rame sype)Circuit brasker (rame sype)XAV2Number of polesXAV2Amperage RatingSARelease systemSAPoteines systemThermonagnetic releasePoteines SystemPoteines on mil Motor drive optional Motor drive optional Motor drive optional Motor drive optional miter ranked current: ZAPoteines Carteria1000 / 1000 vRated insulation voltage (Ui)1000 / 1000 vRated insulation voltage (Uip) at axiliary contacts6000 vRated short-tirce withstand current (= 1 s)19 kAInstantaneous current setting (H) - min50 AShort-circuit release onn-deleged setting - min50 ARated short-tircuit breaking capacity (s) (EICEN 0007) at 200 y 5000 Hz50 ARated short-circuit breaking capacity (s) (EICEN 0007) at 200 y 5000 Hz50 ARated short-circuit breaking capacity (s) (EICEN 0007) at 200 y 5000 Hz50 ARated short-circuit breaking capacity (s) (EICEN 0007) at 200 y 5000 Hz50 ARated short-circuit breaking capacity (s) (EICEN 0007) at 200 y 5000 Hz50 A	Product Sub Type	Thermo-magnetic
Circuit braker frame typeNZM2Numbor of polosThree-poloAmerage RetingSARelease systemThere-mogedic releaseFeaturesProtection unitSpecial loaturesProtection unitNumbor of polosLifesayn, mechanical of which max. 50 % trip by shurt/undervoltago releaseNumbor of polosLifesayn, mechanical of which max. 50 % trip by shurt/undervoltago releaseNumbor of polosLifesayn, mechanical of which max. 50 % trip by shurt/undervoltago releaseNumbor of polosLifesayn, mechanical of which max. 50 % trip by shurt/undervoltago releaseNumbor of polosLifesayn, mechanical of which max. 50 % trip by shurt/undervoltago releaseNumbor of polosNumbor of polosNutago reting1000 V - 1000 VRated insolution voltage (Ump) et auxilary contacts6000 VRated shurt-time whitstand current (t = 0.3 s)6000 VRated shurt-time whitstand current (t = 1.5)6000 VInstantaneous current setting (1) - max505 AOverload current setting (1) - max505 AOverload current setting (1) - max505 AShurt delay current setting (10) - max505 ARated shurt-tircuit braking capacity los (IECEN 8047) at 2001 V, 5060 Hz505 ARated shurt-tircuit braking capacity los (IECEN 8047) at 2001 V, 5060 Hz505 ARated shurt-tirc	Delivery program	
Number of poles Immediate	Туре	Circuit breaker
Amperage Rating 25 A Release system Thermomagnetic release Febtures Thermomagnetic release Special features Motor diveo optional Special features Motor diveo optional Voltage reling Motor diveo optional Relet incluide Motor diveo optional Notage reling Motor diveo optional Relet incluide Motor diveo optional Relet incluide Motor diveo optional Relet incluide no voltage (Ump) at auxiliary contacts Motor diveo option (Ump) at auxiliary contacts Relet incluide no voltage (Ump) at auxiliary contacts Motor diveo option (Ump) at auxiliary contacts Relet incluide no voltage (Ump) at auxiliary contacts Motor diveo option (Ump) at auxiliary contacts Relet incluide no voltage (Ump) at auxiliary contacts Motor diveo option (Ump) at auxiliary contacts Relet incluide no voltage (Ump) at auxiliary contacts Motor diveo option (Ump) (Ump) at auxiliary contacts Relet incluide no voltage (Ump) at auxiliary contacts Motor diveo option (Ump)	Circuit breaker frame type	NZM2
Relase system Thermomagnetic release Features Protection unit Special features Protection unit Special features Lifespan, mechanical of which max. 50 % trip by shunt/undervoltage release Rated Numerie - rated uniterrupted current 2.5 % Voltage rating 1000 V - 1000 V Rated inclusion voltage (Uin) 000 V Rated short-ticcus (t = 0.3 % 000 V Rated short-ti	Number of poles	Three-pole
Features Protection unit Special features Motior drive optional Special features Protection unit Voltage rating Image: Special features Notage rating 1000 V - 1000 V Rated impulse withstand voltage (Uim) at anaic contacts 1000 V - 1000 V AC Rated impulse withstand voltage (Uim) at anaic contacts 800 V Rated short-time withstand current (t = 0.3 s) 1000 V - 1000 V AC Instantaneous current setting (I) - min 1000 V - 1000 V Instantaneous current setting (I) - min 200 V Overload current setting (I) - max 200 V Short delay current setting (I) - max 200 V Short delay current setting (I) - max 200 V Short delay current setting (I) - max 200 V Short delay current setting (I) - max 200 V Short delay current setting (I) - max 200 A Short d	Amperage Rating	25 A
Special features Motor drive optional Special features Integramment contracts of which maxs. 50 km tip symul/undervoltage releases and durine and the contract of which maxs. 50 km tip symul/undervoltage releases and durine and the contract of which maxs. 50 km tip symul/undervoltage releases and durine and the contract of which maxs. 50 km tip symul/undervoltage releases and durine and the contract of which maxs. 50 km tip symul/undervoltage releases and durine and the contract of which maxs. 50 km tip symul/undervoltage releases and durine and the contract of which maxs. 50 km tip symul/undervoltage releases and durine and the contract of which maxs. 50 km tip symul/undervoltage releases and durine and the contract of which maxs. 50 km tip symul/undervoltage releases and durine and the contract of which maxs. 50 km tip symul/undervoltage releases and durine and the contract of which maxs. 50 km tip symul/undervoltage releases and durine and the contract of which maxs. 50 km tip symul/undervoltage releases and durine and the contract of th	Release system	Thermomagnetic release
Number of the second	Features	
Voltage ratingRated insulation voltage (Uinp) at auxiliary contactsRouted insulation voltage (Uinp) at auxiliary contactsRouted inpulse withstand voltage (Uinp) at auxiliary contactsRouted inpulse withstand voltage (Uinp) at main contactsRouted inpulse withstand current (t = 0.3 s)Routed inpulse withstand current (t = 1 s)Routed inpulse withstand (t) - maxRouted inpulse with (t) - maxRouted inpul	Special features	NZMS1 terminal type: NZMXKSA cover required Rated current = rated uninterrupted current: 25 A Terminal capacity hint: Up to 240 mm ² can be connected depending on the cable
Rated insulation voltage (Uin)Image: Constant of the second o	Technical Data - Electrical	
Rated impulse withstand voltage (Uimp) at auxiliary contacts6000 VRated impulse withstand voltage (Uimp) at main contacts8000 VRated short-time withstand current (t = 0.3 s)1.9 kARated short-time withstand current (t = 1 s)1.9 kAInstantaneous current setting (li) - max350 AOverload current setting (lr) - max20 AOverload current setting (lsd) - max0 AShort-circuit release non-delayed setting - min0 AShort-circuit release non-delayed setting - max350 AShort-circuit release non-delayed setting - max350 ARated short-circuit breaking capacity (cs (IEC/EN 60947) at 200 V/5060 Hz)350 ARated short-circuit breaking capacity (cs (IEC/EN 60947) at 400 V/5060 Hz)350 ARated short-circuit breaking capacity (cs (IEC/EN 60947) at 400 V/5060 Hz)360 ARated short-circuit breaking capacity (cs (IEC/EN 60947) at 400 V/5060 Hz)360 ARated short-circuit breaking capacity (cs (IEC/EN 60947) at 400 V/5060 Hz)360 ARated short-circuit breaking capacity (cs (IEC/EN 60947) at 400 V/5060 Hz)360 ARated short-circuit breaking capacity (cs (IEC/EN 60947) at 400 V/5060 Hz)360 ARated short-circuit breaking capacity (cs (IEC/EN 60947) at 400 V/5060 Hz)360 ARated short-circuit breaking capacity (cs (IEC/EN 60947) at 400 V/5060 Hz)360 ARated short-circuit breaking capacity (cs (IEC/EN 60947) at 400 V/5060 Hz)360 ARated short-circuit making capacity (cs (IEC/EN 60947) at 400 V/5060 Hz)360 ARated short-circuit making capacity (cs (IEC/EN 60947) at 400 V/5060 Hz)360 A <td>Voltage rating</td> <td>1000 V - 1000 V</td>	Voltage rating	1000 V - 1000 V
Rated impulse withstand voltage (Uimp) at main contacts8000 VRated short-time withstand current (t = 0.3 s)1.9 kARated short-time withstand current (t = 1.5)1.9 kAInstantaneous current setting (li) - min50 AOverload current setting (li) - max20 AOverload current setting (lsd) - min0 AShort delay current setting (lsd) - max0 AShort delay current setting (lsd) - max0 AShort delay current setting (lsd) - max0 AShort-circuit release non-delayed setting - min350 AShort-circuit release non-delayed setting - max350 AShort-circuit release non-delayed setting - max350 ARated short-circuit breaking capacity Ics (IEC/EN 60947) at 230 V, 50/60 Hz150 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 230 V, 50/60 Hz150 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 250 V, 50/60 Hz37.5 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 250 V, 50/60 Hz37.5 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 260 V, 50/60 Hz38.ARated short-circuit breaking capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz38.ARated short-circuit making capacity Ics (IEC/EN 60947) at 240 V, 50/60 Hz38.ARated short-circuit making capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz38.ARated short-circuit making capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz38.ARated short-circuit making capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz38.ARated short-circuit making capacity Ics (IEC/EN 60947) at 1000 V, 50/60 H	• • •	1000 V AC
Rated short-time withstand current (t = 0.3 s)19 kARated short-time withstand current (t = 1 s)19 kAInstantaneous current setting (i) - min350 AInstantaneous current setting (ii) - max350 AOverload current setting (ir) - max20 AOverload current setting (isd) - min0AShort delay current setting (isd) - min0AShort delay current setting (isd) - max0AShort delay current setting (isd) - max350 AShort delay current setting (isd) - max0AShort-circuit release non-delayed setting - min350 AShort-circuit release non-delayed setting - max350 AShort-circuit release non-delayed setting - max350 ARated short-circuit release non-delayed setting - Max350 A <td>Rated impulse withstand voltage (Uimp) at auxiliary contacts</td> <td>6000 V</td>	Rated impulse withstand voltage (Uimp) at auxiliary contacts	6000 V
Rated short-tirewithstand current (t = 1 s)1.9 kAInstantaneous current setting (li) - min350 AInstantaneous current setting (li) - max350 AOverload current setting (lr) - max20 AOverload current setting (lsd) - min0.4Short delay current setting (lsd) - min0.4Short delay current setting (lsd) - max0.4Short-circuit release non-delayed setting - min350 AShort-circuit release non-delayed setting - max350 ARated short-circuit release non-delayed setting - max350 ARated short-circuit release non-delayed setting - max350 ARated short-circuit release non-delayed setting - max150 kARated short-circuit release non-delayed setting - max350 ARated short-circuit breaking capacity Ics (IEC/EN 60947) at 230 V, 50/60 Hz150 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 440 V, 50/60 Hz350 ARated short-circuit breaking capacity Ics (IEC/EN 60947) at 525 V, 50/60 Hz350 ARated short-circuit breaking capacity Ics (IEC/EN 60947) at 520 V, 50/60 Hz31ARated short-circuit breaking capacity Ics (IEC/EN 60947) at 525 V, 50/60 Hz31ARated short-circuit breaking capacity Ics (IEC/EN 60947) at 520 V, 50/60 Hz31ARated short-circuit making capacity Ics (IEC/EN 60947) at 520 V, 50/60 Hz31ARated short-circuit breaking capacity Ics (IEC/EN 60947) at 520 V, 50/60 Hz31ARated short-circuit making capacity Ics (IEC/EN 60947) at 500 V, 50/60 Hz31ARated short-circuit making capacity Ics (IEC/EN 60947) at 500 V, 50/60 Hz31A <td>Rated impulse withstand voltage (Uimp) at main contacts</td> <td>8000 V</td>	Rated impulse withstand voltage (Uimp) at main contacts	8000 V
Instantaneous current setting (li) - min350 AOverload current setting (li) - max350 AOverload current setting (lr) - min20 AOverload current setting (lr) - max25 AShort delay current setting (lsd) - min0 AShort delay current setting (lsd) - max0 AShort - circuit release non-delayed setting - min350 AShort-circuit release non-delayed setting - max350 AShort-circuit preaking capacity Les (IEC/EN 60947) at 230 V, 50/60 Hz150 kARated short-circuit breaking capacity Les (IEC/EN 60947) at 525 V, 50/60 Hz150 kARated short-circuit breaking capacity Les (IEC/EN 60947) at 525 V, 50/60 Hz37.5 kARated short-circuit breaking capacity Les (IEC/EN 60947) at 526 V, 50/60 Hz5 kARated short-circuit breaking capacity Les (IEC/EN 60947) at 500 V, 50/60 Hz5 kARated short-circuit breaking capacity Les (IEC/EN 60947) at 500 V, 50/60 Hz31.6 kRated short-circuit breaking capacity Les (IEC/EN 60947) at 500 V, 50/60 Hz5 kARated short-circuit breaking capacity Les (IEC/EN 60947) at 600 V, 50/60 Hz30.0 kRated short-circuit making capacity Les (IEC/EN 60947) at 200 V, 50/60 Hz30.0 kRated short-circuit making capacity Les (IEC/EN 60947) at 600 V, 50/60 Hz30.0 kRated short-circuit making capacity Les (IEC/EN 60947) at 600 V, 50/60 Hz30.0 kRated short-circuit making capacity Les (IEC/EN 60947) at 600 V, 50/60 Hz3	Rated short-time withstand current (t = 0.3 s)	1.9 kA
Instantaneous current setting (li) - max 350 A Overload current setting (lr) - min 20 A Overload current setting (lr) - max 25 A Short delay current setting (lsd) - min 0 A Short delay current setting (lsd) - max 0 A Short-circuit release non-delayed setting - min 350 A Short-circuit preaking capacity Ics (IEC/EN 60947) at 230 V, 50/60 Hz 350 A Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 440 V, 50/60 Hz 150 kA Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 420 V, 50/60 Hz 350 A Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 420 V, 50/60 Hz 150 kA Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 420 V, 50/60 Hz 35 kA Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 400 V, 50/60 Hz 5 kA Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 500 V, 50/60 Hz 5 kA Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz 5 kA Rated short-circuit making capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz 3 kA Rated short-circuit making capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz 3 kA Rated short-circuit making capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz 3 kA Rated short-circuit m	Rated short-time withstand current (t = 1 s)	1.9 kA
Overload current setting (lr) - min20 AOverload current setting (lr) - max25 AShort delay current setting (lsd) - min0 AShort delay current setting (lsd) - max0 AShort-circuit release non-delayed setting - min350 AShort-circuit release non-delayed setting - max350 ARated short-circuit breaking capacity lcs (IEC/EN 60947) at 230 V, 50/60 Hz150 kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 255 V, 50/60 Hz130 kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 250 V, 50/60 Hz350 ARated short-circuit breaking capacity lcs (IEC/EN 60947) at 250 V, 50/60 Hz130 kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 200 V, 50/60 Hz5 kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 200 V, 50/60 Hz30 kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 1000 V, 50/60 Hz30 kA	Instantaneous current setting (li) - min	350 A
Overload current setting (lr) - max25 AShort delay current setting (lsd) - min0 AShort delay current setting (lsd) - max0 AShort delay current setting (lsd) - max0 AShort-circuit release non-delayed setting - min350 AShort-circuit release non-delayed setting - max350 AShort-circuit breaking capacity lcs (IEC/EN 60947) at 230 V, 50/60 Hz150 kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 400/415 V, 50/60 Hz150 kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 440 V, 50/60 Hz130 kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 525 V, 50/60 Hz37.5 kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 690 V, 50/60 Hz5.kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 1000 V, 50/60 Hz5.kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 1000 V, 50/60 Hz5.kARated short-circuit making capacity lcs (IEC/EN 60947) at 1000 V, 50/60 Hz5.kARated short-circuit making capacity lcs (IEC/EN 60947) at 1000 V, 50/60 Hz5.kARated short-circuit making capacity lcs (IEC/EN 60947) at 1000 V, 50/60 Hz5.kARated short-circuit making capacity lcs (IEC/EN 60947) at 200 V, 50/60 Hz5.kARated short-circuit making capacity lcs (IEC/EN 60947) at 200 V, 50/60 Hz5.kARated short-circuit making capacity lcs (IEC/EN 60947) at 200 V, 50/60 Hz5.kARated short-circuit making capacity lcs (IEC/EN 60947) at 200 V, 50/60 Hz5.kARated short-circuit making capacity lcs (IEC/EN 60947) at 200 V, 50/60 Hz5.kARated short-c	Instantaneous current setting (li) - max	350 A
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Short delay current setting (Isd) - max 0 A Short-circuit release non-delayed setting - min 350 A Short-circuit release non-delayed setting - max 350 A Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 230 V, 50/60 Hz 150 kA Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 430 V, 50/60 Hz 150 kA Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 440 V, 50/60 Hz 130 kA Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 525 V, 50/60 Hz 37.5 kA Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 525 V, 50/60 Hz 5 kA Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 525 V, 50/60 Hz 5 kA Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 520 V, 50/60 Hz 5 kA Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 500 V, 50/60 Hz 5 kA Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz 5 kA Rated short-circuit making capacity Icm at 240 V, 50/60 Hz 30 kA Rated short-circuit making capacity Icm at 400/415 V, 50/60 Hz 30 kA	Overload current setting (Ir) - max	25 A
Short-circuit release non-delayed setting - min350 AShort-circuit release non-delayed setting - max350 ARated short-circuit breaking capacity lcs (IEC/EN 60947) at 230 V, 50/60 Hz350 ARated short-circuit breaking capacity lcs (IEC/EN 60947) at 400/415 V, 50/60 Hz150 kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 400 V, 50/60 Hz130 kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 525 V, 50/60 Hz37.5 kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 690 V, 50/60 Hz5 kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 1000 V, 50/60 Hz3 kARated short-circuit breaking capacity lcs (IEC/EN 60947) at 1000 V, 50/60 Hz30 kARated short-circuit making capacity lcs (IEC/EN 60947) at 1000 V, 50/60 Hz30 kA	Short delay current setting (Isd) - min	0 A
Short-circuit release non-delayed setting - max350 ARated short-circuit breaking capacity Ics (IEC/EN 60947) at 230 V, 50/60 Hz150 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 400/415 V, 50/60 Hz150 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 440 V, 50/60 Hz130 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 525 V, 50/60 Hz37.5 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 690 V, 50/60 Hz5 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 690 V, 50/60 Hz3 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz3 kARated short-circuit making capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz3 kARated short-circuit making capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz3 kARated short-circuit making capacity Ics (IEC/EN 60947) at 50/60 Hz3 kARated short-circuit making capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz3 kARated short-circuit making capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz3 kARated short-circuit making capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz3 kARated short-circuit making capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz3 kA	Short delay current setting (Isd) - max	0 A
Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 230 V, 50/60 Hz150 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 400/415 V, 50/60 Hz150 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 400 V, 50/60 Hz130 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 400 V, 50/60 Hz37.5 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 690 V, 50/60 Hz5 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 690 V, 50/60 Hz5 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz3 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz30 kARated short-circuit making capacity Icm at 240 V, 50/60 Hz330 kA	Short-circuit release non-delayed setting - min	350 A
Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 400/415 V, 50/60 Hz150 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 440 V, 50/60 Hz130 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 525 V, 50/60 Hz37.5 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 500 V, 50/60 Hz5 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 690 V, 50/60 Hz3 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz3 kARated short-circuit making capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz30 kARated short-circuit making capacity Icm at 240 V, 50/60 Hz330 kA	Short-circuit release non-delayed setting - max	350 A
Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 440 V, 50/60 Hz130 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 525 V, 50/60 Hz37.5 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 690 V, 50/60 Hz5 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz3 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz30 kARated short-circuit making capacity Icm at 240 V, 50/60 Hz330 kARated short-circuit making capacity Icm at 240 V, 50/60 Hz330 kA	Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 230 V, 50/60 Hz	150 kA
Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 525 V, 50/60 Hz37.5 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 690 V, 50/60 Hz5 kARated short-circuit breaking capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz3 kARated short-circuit making capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz30 kARated short-circuit making capacity Icm at 240 V, 50/60 Hz300 kA		150 kA
Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 690 V, 50/60 Hz 5 kA Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz 3 kA Rated short-circuit making capacity Icm at 240 V, 50/60 Hz 30 kA Rated short-circuit making capacity Icm at 400/415 V, 50/60 Hz 330 kA	Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 440 V, 50/60 Hz	130 kA
Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz 3 kA Rated short-circuit making capacity Icm at 240 V, 50/60 Hz 330 kA Rated short-circuit making capacity Icm at 400/415 V, 50/60 Hz 330 kA	Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 525 V, 50/60 Hz	37.5 kA
Rated short-circuit making capacity Icm at 240 V, 50/60 Hz 330 kA Rated short-circuit making capacity Icm at 400/415 V, 50/60 Hz 330 kA	Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 690 V, 50/60 Hz	5 kA
Rated short-circuit making capacity Icm at 400/415 V, 50/60 Hz 330 kA	Rated short-circuit breaking capacity Ics (IEC/EN 60947) at 1000 V, 50/60 Hz	3 kA
	Rated short-circuit making capacity Icm at 240 V, 50/60 Hz	330 kA
Rated short-circuit making capacity Icm at 440 V, 50/60 Hz 286 kA	Rated short-circuit making capacity Icm at 400/415 V, 50/60 Hz	330 kA
	Rated short-circuit making capacity Icm at 440 V, 50/60 Hz	286 kA

Rated short-circuit making capacity Icm at 525 V, 50/60 Hz	10	05 kA
Rated short-circuit making capacity Icm at 690 V, 50/60 Hz	40	0 kA
Rated short-circuit making capacity Icm at 1000 V, 50/60 Hz	17	7 kA
Electrical connection type of main circuit	Si	crew connection
Number of operations per hour - max	12	20
Handle type	Re	locker lever
Utilization category	А	N Contraction of the second seco
Overvoltage category		l l
Pollution degree	3	
Lifespan, electrical	30	000 operations at 1000 V AC-1
Technical Data - Mechanical		
Mounting Method	Fi	ixed
-	B	IIN rail (top hat rail) mounting optional luilt-in device fixed built-in technique
Degree of protection		P20
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	Fr	ront side
Special features	N Ri Te	ifespan, mechanical: of which max. 50 % trip by shunt/undervoltage release IZMS1 terminal type: NZMXKSA cover required lated current = rated uninterrupted current: 25 A erminal capacity hint: Up to 240 mm ² can be connected depending on the cable nanufacturer.
Lifespan, mechanical	20	0000 operations
Technical Data - Mechanical - Terminals		
Standard terminals	S	crew terminal
Terminal capacity (control cable)		.75 mm² - 1.5 mm² (2x) .75 mm² - 2.5 mm² (1x)
Terminal capacity (aluminum solid conductor/cable)	16	6 mm² (1x) at tunnel terminal
Terminal capacity (aluminum stranded conductor/cable)	25	5 mm² - 185 mm² (1x) at tunnel terminal
Terminal capacity (copper busbar)	M	Ain. 16 mm x 5 mm direct at switch rear-side connection A8 at rear-side screw connection Aax. 24 mm x 8 mm direct at switch rear-side connection
Terminal capacity (copper solid conductor/cable)	6 10 10	0 mm ² - 16 mm ² (1x) at box terminal mm ² - 16 mm ² (2x) at box terminal 0 mm ² - 16 mm ² (2x) direct at switch rear-side connection 0 mm ² - 16 mm ² (1x) direct at switch rear-side connection 6 mm ² (1x) at tunnel terminal
Terminal capacity (copper stranded conductor/cable)	25 25	5 mm² - 50 mm² (2x) direct at switch rear-side connection 5 mm² - 185 mm² (1x) at box terminal 5 mm² - 70 mm² (2x) at box terminal 5 mm² - 185 mm² (1x) at tunnel terminal
Terminal capacity (copper strip)	M M M	Ain. 2 segements of 16mm x 0.8mm at rear-side connection (punched) Aax. 8 segments of 24mm x 1mm (2x) at box terminal Ain. 2 segments of 9mm x 0.8mm at box terminal Aax. 10 segments of 16mm x 0.8mm at rear-side connection (punched) Aax. 10 segments of 16mm x 0.8mm at box terminal
Design verification as per IEC/EN 61439 - technical data		
Rated operational current for specified heat dissipation (In)	25	5 A
Equipment heat dissipation, current-dependent	7.	.97 W
Ambient operating temperature - min	-2	25 °C
Ambient operating temperature - max	70	0°C
Ambient storage temperature - min		0 °C
Ambient storage temperature - max		0 °C
Design verification as per IEC/EN 61439		
10.2.2 Corrosion resistance		Agets the product standard's requirements
		Aeets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures		A leets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat		Aeets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects		Aeets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation		Aeets the product standard's requirements.
10.2.5 Lifting		loes not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact	D	loes 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

Low-voltage industrial components (EG000017) / Power circuit-breaker for trafo/generator/installation protection (EC000228)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Circuit breaker for power transformer, generator and system
protection (ecl@ss13-27-37-04-09 [AJZ716018])

Rated permanent current lu	A	25
Rated voltage	V	1000 - 1000
Rated short-circuit breaking capacity Icu at 400 V, 50 Hz	kA	150
Overload release current setting	A	20 - 25
Adjustment range short-term delayed short-circuit release	A	0 - 0
Adjustment range undelayed short-circuit release	A	350 - 350
Power loss	W	5.9
Device construction		Built-in device fixed built-in technique
Integrated earth fault protection		No
Type of electrical connection of main circuit		Screw connection
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		Yes
Degree of protection (IP)		IP20