DATASHEET - NZMS3-4-PX250/VAR-AVE



NZM3 PXR25 circuit breaker - integrated energy measurement class 1, 250A, 4p, variable, withdrawable unit



Part no. Catalog No. NZMS3-4-PX250/VAR-AVE 192307

Similar to illustration

Delivery program

Protective function Systems, cable, selectivity and generator protection Standard/Approval IC Installation type Withdrawable Release system Electronic release Construction size X3M3 Description Sil overload protection and delayed and non-delayed short-circuit protection with Power Xpert Protection with Power Xpert Protection with Power Xpert Protection on Winanger software in equipment supplied. Uncommunication-capable with internal Modbus RTU module or CAM Number of poles Apole Standard equipment Ver 400/415 V5 0Hz Neuron Rated current = rated uninterrupted current Ver Addati S V5 Hz In = lu Rated current = rated uninterrupted current Ver Neutral conductor Ver failed				
Standard Approval IC IC Installation type IC Withdravable Release system IC IC Construction size IC IC Description IC IC Description IC IC Number of poles IC IC Standard quipment IC IC Reled current = rated uninterrupted current IC IC Interrupted current IC IC Duertoad trip IC IC	Product range			Circuit-breaker
hstallation type Image: System Image: System Image: System Image: System Construction size Image: System Image: System Image: System Description Image: System Image: System Image: System Description Image: System Image: System Image: System Number of poles Image: System Image: System Image: System Switching capacity Image: System Image: System Image: System Number of poles Image: System Image: System Image: System Switching capacity Image: System Image: System Image: System Number of poles Image: System Image: System Image: System Switching capacity Image: System Image: System Image: System Number of poles Image: System Image: System Image: System Switching capacity Image: System Image: System Image: System Number of poles Image: System Image: System Image: System Reted current = rated uninterrupted current Image: System Image: System Image: System Number of poles Image: System Image: System Image: System Switching capacity Image: System Image: System Image:	Protective function			Systems, cable, selectivity and generator protection
Release system Construction size NZM3 Description LSI overload protection and delayed and non-delayed short-circuit protective device dev	Standard/Approval			IEC
Construction size NZM3 Description LSI overload protection and delayed and non-delayed short-circuit protective device device of configuration and test function with Power Xper Protection Manager software LSI overload protection and delayed and non-delayed short-circuit protective device of configuration and test function with Power Xper Protection Manager software Number of poles F LSI overload protection and delayed and non-delayed short-circuit protective device of configuration and test function with Power Xper Protection Manager software Number of poles 4 pole Standard equipment 4 pole Standard equipment F 400/415 V 50 Hz KA Attad current = rated uninterrupted current KA Neutral conductor In = lu Neutral conductor In = lu Overload trip V Overload trip V Interact rated uninterrupted current A Stating range V Overload trip V Interact rated uninterrupted current A Interact rate durinterrupted current In = lu Interact rate durinterrupted current In = lu Interact rate durinterrupted current In = lu Interact rate durinterrupted current In 0 = 050 Interact rate durinterrupted current In 0 = 250 Interrupter rate durinterrupted	Installation type			Withdrawable
Description Image: Solution	Release system			Electronic release
Number of poles A pole Number of poles Ye pole Standard equipment Ye pole Switching capacity Ieu Kaper of workware 400415 V 50 Hz Ieu Kaper of workware Rated current = rated uninterrupted current In = lu A Neutral conductor In = lu A Neutral conductor Vertice Softing capacity Overload trip Im = lu A Stating range Image of workware Softing capacity Number of poles Image of workware Softing capacity Rated current = rated uninterrupted current Im = lu A Neutral conductor Image of workware Softing capacity Non-delayed Image of workware Image of workware	Construction size			NZM3
Standard equipment interception Stread current = rated uninterrupted current interception Rated current = rated uninterrupted current interception Neutral conductor interception Overload trip interception Stort-circuit releases interception Non-delayed interception Non-delayed interception	Description			device Class 1 energy measurement, r.m.s. value measurement, and "thermal memory" USB interface for configuration and test function with Power Xpert Protection Manager software Interface module in equipment supplied.
Switching capacityIcu <t< td=""><td>Number of poles</td><td></td><td></td><td>4 pole</td></t<>	Number of poles			4 pole
400/415 V 50 Hz Icu KA 70 Rated current = rated uninterrupted current In = Iu A 250 Rated current = rated uninterrupted current Kn of phase conductor Mon of phase conductor	Standard equipment			Screw connection
Rated current = rated uninterrupted current Image: Normal State current = rated uninterrupted current = rated u	Switching capacity			
Rated current = rated uninterrupted currentIn = IuA250Neutral conductor% of phase conductor0 - 60 - 100Setting rangeImage: ConductorImage: ConductorImage: ConductorOverload tripImage: ConductorImage: ConductorShort-circuit releasesImage: ConductorImage: ConductorNon-delayedImage: ConductorImage: ConductorNon-delayedImage: ConductorImage: Conduc	400/415 V 50 Hz	I _{cu}	kA	70
Neutral conductorNon-delayedNon-	Rated current = rated uninterrupted current			
conductor Setting range conductor Overload trip Image: Conductor Image: Conductor Image: Conductor Short-circuit releases Image: Conductor Image: Conductor Image: Conductor Non-delayed Image: Conductor Image: Conductor Image: Conductor	Rated current = rated uninterrupted current	$I_n = I_u$	А	250
Overload trip Ir A Ir A 100 - 250	Neutral conductor		%	0 - 60 - 100
$I_{r} \qquad A \qquad 100-250$ $Short-circuit releases$ $I_{r} \qquad A \qquad I_{r} \qquad I$	Setting range			
Short-circuit releases Image: Short-circuit releases <	Overload trip			
Non-delayed Non-d	ct	I _r	A	100 - 250
Delayed I _{sd} = I _r x 2 – 10	Non-delayed	I _i = I _n x		2 - 18
	Delayed	$I_{sd} = I_r \times \dots$		2 – 10

Technical data

General		
Standards		IEC/EN 60947
Protection against direct contact		Finger and back of hand proof to VDE 0106 Part 100
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature		
Ambient temperature, storage	°C	- 40 - + 70
Operation	°C	-25 - +70
Mechanical shock resistance (10 ms half-sinusoidal shock) according to IEC 60068-2-27	g	20 (half-sinusoidal shock 20 ms)
Safe isolation to EN 61140		

Potuson auvilianu contente en emis e entente		V 40	500
Between auxiliary contacts and main contacts		VAC	500
between the auxiliary contacts Mounting position		VAC	300 Vertical and 90° in all directions 90° in all directions 90° in all directions with plug-in unit - NZM1, N1, NZM2, N2: vertical and 90° in all directions with plug-in unit - NZM1, N1, NZM2, N2: vertical, 90° right/left with withdrawable unit: - NZM3, N3: vertical, 90° right/left - NZM4, N4: vertical with remote operator: - NZM4, N(S)2, NZM3, N(S)3, NZM4, N(S)4: vertical and 90° in all directions
Direction of incoming supply			as required
Degree of protection			
Device			In the operating controls area: IP20 (basic degree of protection)
Enclosures			With insulating surround: IP40 With door coupling rotary handle: IP66
Terminations			Tunnel terminal: IP10 Phase isolator and strip terminal: IP00
Other technical data (sheet catalogue)			Temperature dependency, Derating
Circuit-breakers	1 - 1	٨	250
Rated current = rated uninterrupted current	I _n = I _u	A	250
Rated surge voltage invariability	U _{imp}	.,	
Main contacts		V	8000
Auxiliary contacts Rated operational voltage	U _e	V V AC	6000 690
Overvoltage category/pollution degree	Ue	V AU	111/3
Rated insulation voltage	Ui	V	690
Use in unearthed supply systems	01	v	≤690
Switching capacity		v	= 050
Rated short-circuit making capacity	I _{cm}		
240 V	I _{cm}	kA	220
400/415 V	I _{cm}	kA	154
440 V 50/60 Hz	I _{cm}	kA	143
525 V 50/60 Hz	I _{cm}	kA	80
690 V 50/60 H	lc	kA	50
Rated short-circuit breaking capacity I _{cn}	l _{cn}		
Icu to IEC/EN 60947 test cycle 0-t-C0	lcu	kA	
240 V 50/60 Hz	I _{cu}	kA	100
400/415 V 50/60 Hz	l _{cu}	kA	70
440 V 50/60 Hz	I _{cu}	kA	65
525 V 50/60 Hz	l _{cu}	kA	36
690 V 50/60 Hz	l _{cu}	kA	25
Ics to IEC/EN 60947 test cycle 0-t-C0-t-C0	lcs	kA	
240 V 50/60 Hz	I _{cs}	kA	100
400/415 V 50/60 Hz	l _{cs}	kA	70
440 V 50/60 Hz	l _{cs}	kA	65
525 V 50/60 Hz	I _{cs}	kA	18
690 V 50/60 Hz	I _{cs}	kA	6
			Maximum back-up fuse, if the expected short-circuit currents at the installation location exceed the switching capacity of the circuit-breaker.
Rated short-time withstand current			
t = 0.3 s	I _{cw}	kA	3.3
t = 1 s	I _{cw}	kA	3.3
Utilization category to IEC/EN 60947-2			A
Lifespan, mechanical(of which max. 50 % trip by shunt/undervoltage release)	Operations		15000

ACTACCACCBASHACParialSABASHACParialSABASHACParialSABASHACNASA <tr< th=""><th>Lifespan, electrical</th><th></th><th></th><th></th></tr<>	Lifespan, electrical			
48/98/81 6/98/9194-04 9292 <br< td=""><td>•</td><td></td><td></td><td></td></br<>	•			
National statuteNational statuteNati		Operations		5000
NamePartnerPartnerPartnerPartnerMartender133Hardender133Restance133Restance133Restance133Restance113Restance113Restance113Restance111Restance11				
Mack considu frequencyImage of going in a construction of constructio				
Impact of the second sequence of the second s		Operations	0 "	
Formator spectrame Server sevention Bander segioner Room sevention Reserver regined Room sevention Bander segioner Room sevention Bander segioner Room sevention Bander segioner Room sevention Bander segioner Room sevention Bander sevention Room sevention Safe Room sev				
National accessionSeconsectionSeconsectionNational accessionNational accessionNational accessionNational accessionNational accessionNational accessionSolutional accession <td></td> <td></td> <td>ms</td> <td>< 10</td>			ms	< 10
Accession sequencia NAME + ANS Galar accession acc				Second connection
particulationpartic				
And encloseAnd encloseBalanceImage: SectorSindImage: Sector <t< td=""><td>Optional accessories</td><td></td><td></td><td>Box terminal Tunnel terminal</td></t<>	Optional accessories			Box terminal Tunnel terminal
Bateminai Part Part Part Part Part Part Part Part	Round copper conductor			
SolidIIISolidIIIStandadIIIStandadIIIStandadIIIBattermini and rear-site connectionIIISolidIIIIStandadIIIIStandadIIIISolidIIIIISolidIIIIISolidIIIIISolidIIIIIStandadIIIIISolidIIIIISolidIIIIIStandadIIIIIStandadIIIIIStandadIIIIIStandadIIIIIStandadIIIIIStandadIIIIIStandadIIIIIStandadIIIIIStandadIIIIIStandadIIIIIStandadIIIIIIStandadIIIIIIStandadIIII <td></td> <td></td> <td></td> <td></td>				
ShandedSea and an antipart of the state of th			2	2 x 16
Time termineSecond termineSecond termineSecond termineSince theImage: Second termineImage: Second termineImage: Second termineBolter and second termineImage: Second termineImage: Second termineSoldImage: Second termineImage: Second termineImage: Second termineSold termineImage: Second termineImage: Second termineImage: Second termineSold termineIm				
SelicNoteNoteNoteBatemain diversation consectorNoteNoteBatemain diversation consectorNoteNoteSolidNoteNoteSolidNoteNoteStrandodNoteNoteStrand			mm ²	
image image <th< td=""><td></td><td></td><td></td><td></td></th<>				
IndeIndeIndexIndexIndexBateminal ners-side concetonIndexIndexIndexSolidIndexIndexIndex<	Solid		mm ²	1 x 16
Bit remial and rear-side connections Image: Similar densible connections which south s	Stranded			
Direct on heavitchImage: solutionImage: solutionImage: solutionSindnot solutionnot solutionnot solutionSonaction with extensionImage: solutionnot solutionnot solutionNoticular conductornot solutionnot solutionnot solutionSolidnot solutionnot solutionnot solution <tr< td=""><td>1-hole</td><td></td><td>mm²</td><td>1 x (16 - 185)</td></tr<>	1-hole		mm ²	1 x (16 - 185)
SolidNot	Bolt terminal and rear-side connection			
initial	Direct on the switch			
initial	Solid		²	1 x 16
initial set of the set of th			mm	
Image: Connection with extension Image: Connection with extension Image: Connection with extension Connection with extensio	Stranded		mm ²	
Airclair conductor Airclair Airclair conductor Airclair Standed Aircl Stranded Aircl Stranded Aircl Duble hole Aircl Duble hole Aircl Box terminal Aircl Box terminal Aircl Box terminal Aircl Flat copper strip, with holes Aircl Box terminal and rear-side connection Aircl Flat copper strip, with holes Aircl Box terminal and rear-side connection Aircl Flat copper strip, with holes Aircl Connection width extension Aircl Box terminal and rear-side connection Aircl Flat copper strip, with holes Aircl Connection width extension Aircl Box terminal and rear-side connection Aircl Box terminal and rear-side connection Aircl Flat copper strip, with holes Aircl Connection width extension Aircl Box terminal and rear-side connection Aircl Sire Connection </td <td>Connection width extension</td> <td></td> <td>mm²</td> <td></td>	Connection width extension		mm ²	
Airclair conductor Airclair Airclair conductor Airclair Standed Aircl Stranded Aircl Stranded Aircl Duble hole Aircl Duble hole Aircl Box terminal Aircl Box terminal Aircl Box terminal Aircl Flat copper strip, with holes Aircl Box terminal and rear-side connection Aircl Flat copper strip, with holes Aircl Box terminal and rear-side connection Aircl Flat copper strip, with holes Aircl Connection width extension Aircl Box terminal and rear-side connection Aircl Flat copper strip, with holes Aircl Connection width extension Aircl Box terminal and rear-side connection Aircl Box terminal and rear-side connection Aircl Flat copper strip, with holes Aircl Connection width extension Aircl Box terminal and rear-side connection Aircl Sire Connection </td <td>Connection width extension</td> <td></td> <td>mm²</td> <td>2 x 300</td>	Connection width extension		mm ²	2 x 300
Iunel terminalIoneIoneSolidIoneIoneStrandedIoneIoneDouble holeIoneIoneDouble holeIoneIoneDouble holeIoneIoneBox terminalIoneIoneBox terminal and rear-side connectionIoneBox terminal and rear-side connectionIone				
Solidna*na*na*Standedna*(2)(2)Boule holena*(2)(2)Duble holena*(2)(2)Bouter holena* <td></td> <td></td> <td></td> <td></td>				
Stranded max ma				
Stranded race	Solid		mm²	1 X 16
Double hole manual manual <thman< td=""><td>Stranded</td><td></td><td></td><td></td></thman<>	Stranded			
image:	Stranded		mm ²	1 x (25 - 185) ²⁾
2 × (50 - 240) 2 × (50 - 240) 2 × (50 - 240) 2 × (50 - 240) 2 × (50 - 240) 2 × (50 - 240) 2 × (50 - 240) 2 × (50 - 240) 3 × (50 - 240) 3 × (50 - 240) 3 × (50 - 240) 3 × (50 - 240) 3 × (50 - 240) 3 × (50 - 240) 4 × (50 - 240) 4 × (50 - 240) 5 × (50 - 240) 5 × (50 - 240) 5 × (50 - 240) 5 × (50 - 240) 5 × (50 - 240) 6 × (50 - 240) 6 × (50 - 240) 6 × (50 - 240) 6 × (50 - 240) 7 × (50 - 240) 6 × (50 - 240) 7 × (50 - 240) 7 × (50 - 240) 7 × (50 - 240) 7 × (50 - 240) 7 × (50 - 240) 7 × (50 - 240) 7 × (50 - 240) 7 × (50 - 240) 7 × (50 - 240) 7 × (50 - 240) 7 × (50 - 240) 7 × (50 - 240) 7 × (50 - 240) 7 × (50 - 240) 7 × (5	Double hole		mm ²	
Latrip (number of segments width x segment thickness) Image: Segment and the segment thickness) Image: Segment and the segment thickness) Bok terminal and rear-side connection Image: Segment and the segment thickness) Image: Segment and the segment thickness) Flat copper strip, with holes Image: Segment and the segment thickness) Image: Segment and the segment thickness) Image: Segment and the segment thickness) Flat copper strip, with holes Image: Segment and the segment thickness) Image: Segment and the segment thickness) Image: Segment and the segment thickness) Flat copper strip, with holes Image: Segment and the segment thickness) Image: Segment and the segment thickness) Image: Segment and the segment thickness) Flat copper strip, with holes Image: Segment and the segmen				2 x (50 - 240)
Box terminal Image: Marcine State Image: Marcine St				²⁾ Up to 240 mm ² can be connected depending on the cable manufacturer.
nin.	Cu strip (number of segments x width x segment thickness)			
max.	Box terminal			
Abstraction +5x24x10 (2x)8x24x10 Botterminal and rear-side connection min m Flat copper strip, with holes min m 6x16x0.8 Flat copper strip, with holes max m 0x32x1.0+5x32x1.0 Connection width extension max m (2x) 10x50x1.0 Copper busbar (width x thickness) mm 2x) 10x50x1.0 Botterminal and rear-side connection mm M Screw connection mm M Direct on the switch min m Interminal and rear-side connection min m Screw connection mm M Screw connection min mm Interminal and rear-side connection min M Screw connection min m Mo Interminal and rear-side connection min Screw connection Screw connection Interminal and rear-side connection min m Screw connection Screw connection Interminal and rear-side connection min min Screw connection Screw connection Screw connection Interminal and rear-side c		min.	mm	6 x 16 x 0.8
Bolt terminal and rear-side connection Image: Section width set ension Image:		max.	mm	+ 5 x 24 x 1.0
Flat copper strip, with holesmin.min.Min.S 16 x 0.8Flat copper strip, with holesmax.max.10 x 32 x 1.0 + 5 x 32 x 1.0Connection width extensionmm(2 x 10 x 50 x 1.0Copper busbar (width x thickness)mm(2 x 10 x 50 x 1.0Bolt terminal and rear-side connectionmmMmMmScrew connectionmmMmMmDirect on the switchmm0 x 50Lorent terminal metersionmm0 x 50Direct on the switchmm0 x 50Lorent terminal connectionmm0 x 50Lorent terminal connectionmm0 x 50Lorent terminal connectionmm0 x 50Lorent terminal connectionmm0 x 10Lorent terminal connection	Bolt terminal and rear-side connection			
Flat copper strip, with holes max mm 1x 32 x 1.0 + 5 x 32 x 1.0 Connection width extension mm (2x) 10 x 50 x 1.0 Copper busbar (width x thickness) mm (2x) 10 x 50 x 1.0 Bolt terminal and rear-side connection mm (Mu Screw connection mm Mu Direct on the switch mm Mu Image: Strew connection mm 2x 5 Screw connection min mm Direct on the switch mm 2x 5 Image: Strew connection mm 2x 5 Screw connection mm 2x 5 Screw connection mm 2x 5 Screw connection mm 2x 5 Image: Strew connection mm 2x 5 Screw connection width extension mm 2x 5		min.	mm	6 x 16 x 0.8
Connection width extension mm (2x) 10 x 50 x 1.0 Copper busbar (width x thickness) mm (2x) 10 x 50 x 1.0 Bolt terminal and rear-side connection mm (2x) 10 x 50 x 1.0 Screw connection mm (2x) 10 x 50 x 1.0 Direct on the switch Mm Mm Direct on the switch min Mm Min mm 20 x 5 Imm mm 30 x 10 + 30 x 50 Connection width extension mm 30 x 10 + 30 x 50 Connection width extension mm 21 (10 x 50)				
Coper busbar (width x thickness) mm Mm Mm Bolt terminal and rear-side connection Mn Mn Screw connection Mn Mn Direct on the switch Mn Screw connection Min. mm Screw connection Screw connection width extension mm Screw connection Mon. mm Screw connection Screw connection width extension mm Screw connection Mon. mm Screw connection		indx.		
Bolt terminal and rear-side connection Model Screw connection M10 Direct on the switch min. mm Max. mm 20 × 5 Connection width extension max. mm Connection width extension max. mm Max. mm 2x (10 × 50)		mm		
Screw connection Model Direct on the switch Model Min mm Min Mm Screw connection width extension Max. Max. mm Max. mm Max. mm Screw connection width extension max. Max. mm Screw connection width extension max. Max. mm Screw connection width extension max.				
Direct on the switchImage: Connection width extensionImage: Connection width ext				M10
min.mm20 × 5max.mm $30 \times 10 + 30 \times 5$ Connection width extensionmm mm Connection width extensionmax.mmx > x > x > x > x > x > x > x > x > x				
max. mm 30 x 10 + 30 x 5 Connection width extension mm mm Connection width extension max. mm x 10 + 30 x 5 x 10 + 30 x 5	Direct on the switch			20. F
Connection width extension max. mm 2 x (10 x 50)				
Connection width extension max. mm 2 x (10 x 50)		max.		
			mm	
Control cables	Connection width extension	max.	mm	2 x (10 x 50)
	Control cables			

mm² 1 x (0.75 - 2.5) 2 x (0.75 - 1.5)

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	In	А	250
Equipment heat dissipation, current-dependent	P _{vid}	W	18.75
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties			
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.

Technical data ETIM 7.0

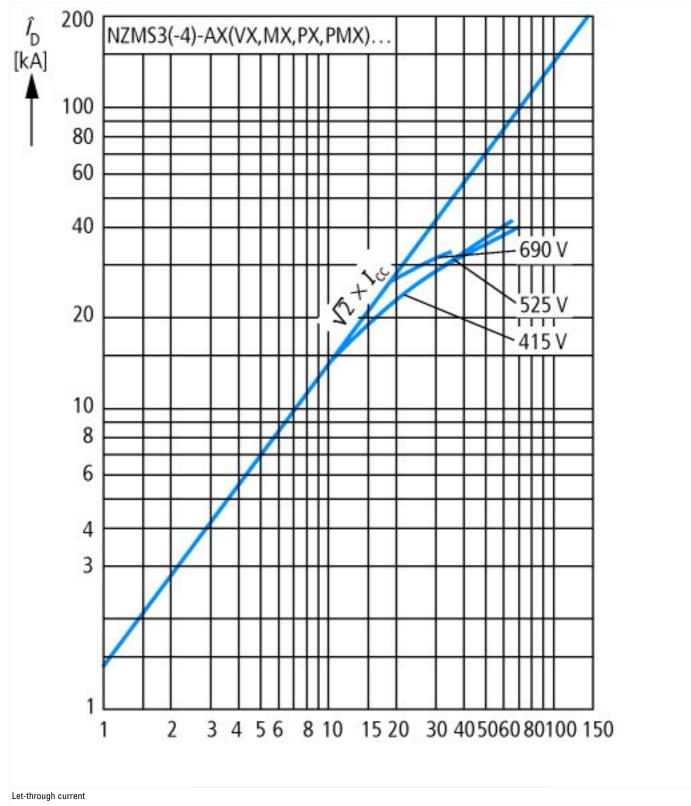
Low-voltage industrial components (EG000017) / Power circuit-breaker for trafo/generator/installation protection (EC000228)

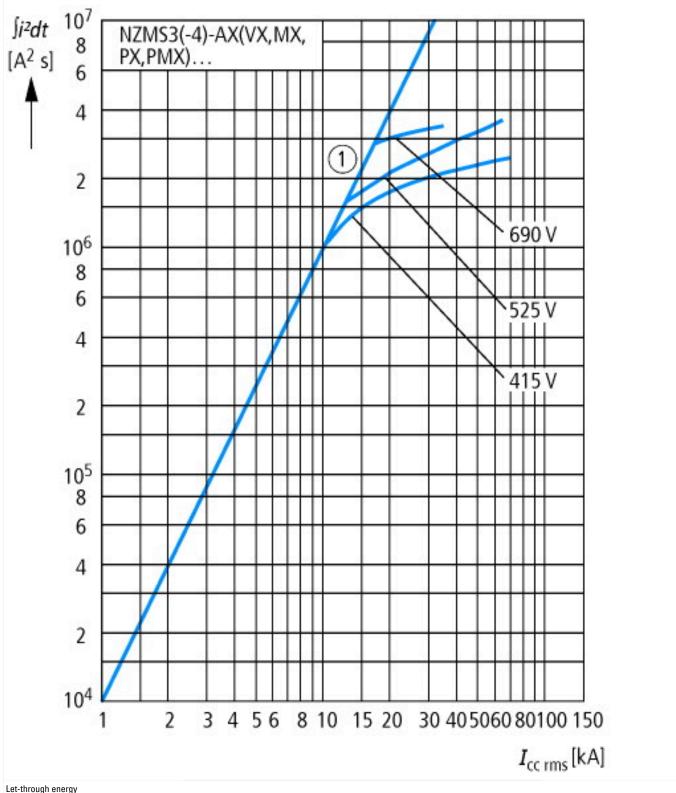
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Circuit breaker for power transformer, generator and system protection (ecl@ss10.0.1-27-37-04-09 [AJZ716013])

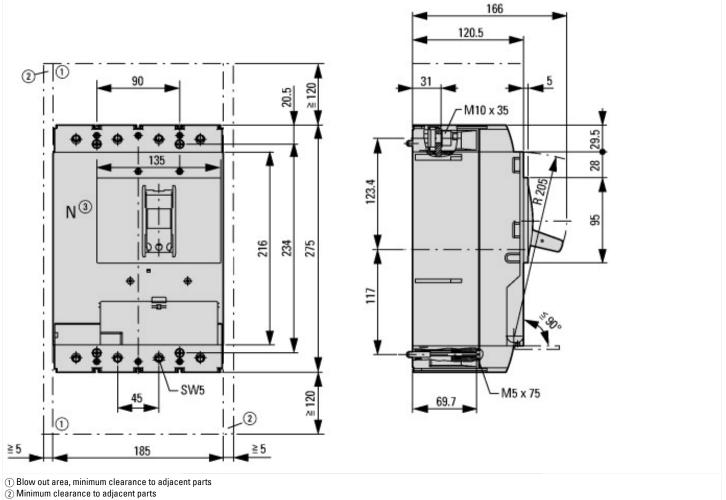
Rated permanent current lu	А	250
Rated voltage	V	690 - 690
Rated short-circuit breaking capacity Icu at 400 V, 50 Hz	kA	70
Overload release current setting	А	100 - 250
Adjustment range short-term delayed short-circuit release	А	2 - 10
Adjustment range undelayed short-circuit release	А	2 - 18
Integrated earth fault protection		No
Type of electrical connection of main circuit		Other
Device construction		Built-in device slide-in technique (withdrawable)
Suitable for DIN rail (top hat rail) mounting		No
DIN rail (top hat rail) mounting optional		No
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

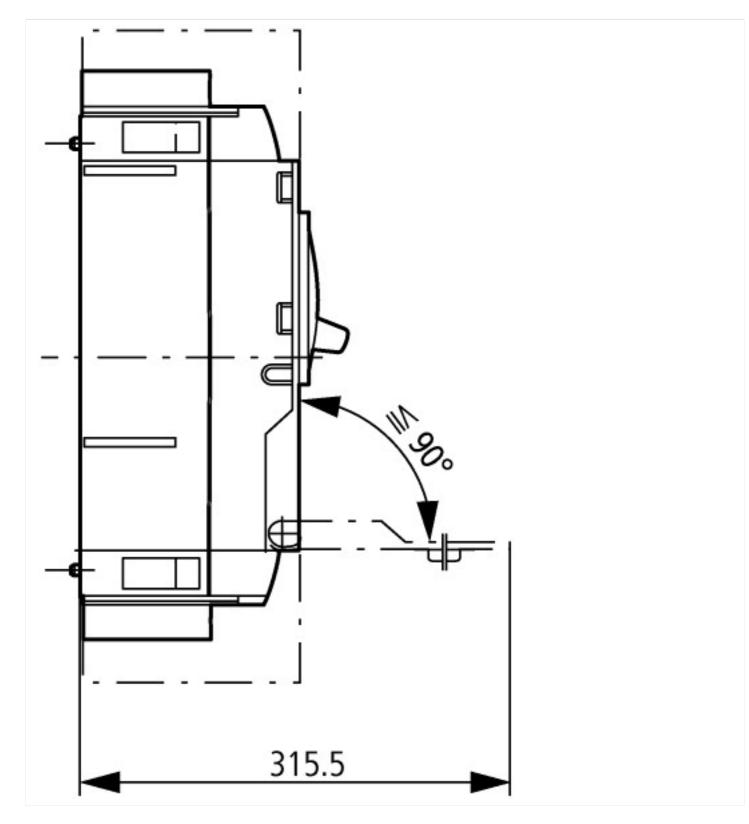
With under voltage release	No
Number of poles	4
Position of connection for main current circuit	Connection at separate chassis part
Type of control element	Rocker lever
Complete device with protection unit	Yes
Motor drive integrated	No
Motor drive optional	Yes
Degree of protection (IP)	IP20

Characteristics









Additional product information (links)

IL012100ZU NZM3-PXR circuit-breaker, basic device , NZM3-PXR Circuit-Breaker, basic unit

IL012100ZU NZM3-PXR circuit-breaker, basic device , NZM3-PXR Circuit-Breaker, basic unit	https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL012100ZU2020_10.pdf
Temperature dependency, Derating	http://ecat.moeller.net/flip-cat/?edition=HPLEN&startpage=17.172
additional technical information for NZM power switch	https://es-assets.eaton.com/DOCUMENTATION/PDF/nzm_technic_de_en.pdf