



Remote operator, 24-30VDC, for size 3

Part no. NZM3-XR24-30DC
Catalog No. 259854

EL-Nummer 4315549
(Norway)

Similar to illustration



Powering Business Worldwide™

Delivery program

Number of poles		3/4 pole
For use with		NZM3(-4) N(S)3(-4)
Project planning information		Cannot be combined with switch-disconnector PN... M22-CK11(20/02) dual auxiliary switch cannot be combined with NZM3-XR... remote operator
Engineering information (sheet catalog)		2/3-wire control and circuit diagrams

Technical data

Remote operator

Rated control voltage	U _s	V	
DC	U _s	V DC	24 - 30
Operating range			
AC		x U _s	0.85 - 1.1
DC		x U _s	0.85 - 1.1
Motor rating			
DC			
24 V ... 30 V DC	P	W	250
Minimum signal duration			
with switch on	ms	30	
with switch off	ms	250	
Lifespan, mechanical	Operations		15000
Maximum operating frequency		Ops./h	
Max. operating frequency		Ops/h	60
Terminal capacities		mm ²	
Solid or flexible conductor, with ferrule		mm ²	0,75 - 2,5
		AWG	18 ... 14

Design verification as per IEC/EN 61439

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) / Motor operator for power circuit-breaker (EC001030)

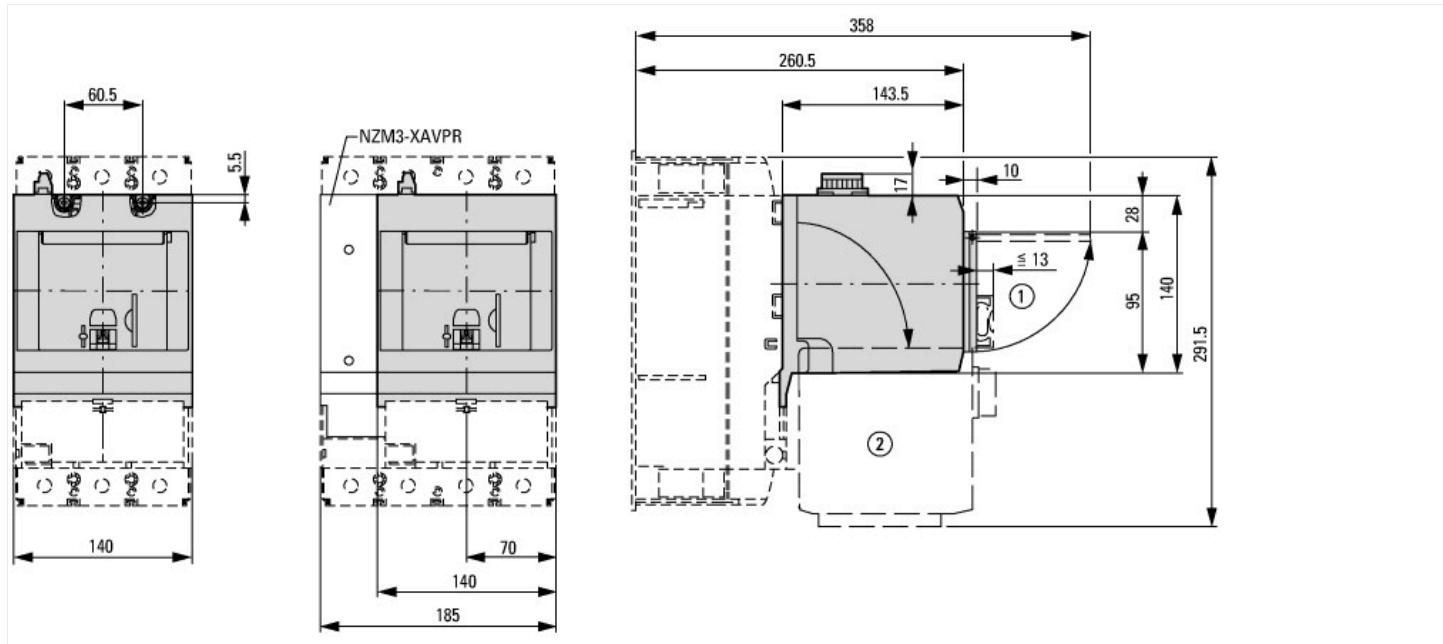
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Electrical drive for circuit breakers (ecl@ss10.0.1-27-37-04-12 [AKF010013])

Type of switch drive		Motor drive
Rated control supply voltage Us at AC 50HZ	V	0 - 0
Rated control supply voltage Us at AC 60HZ	V	0 - 0
Rated control supply voltage Us at DC	V	24 - 30
Voltage type for actuating		DC

Approvals

Product Standards	UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking
UL File No.	E140305
UL Category Control No.	DIHS
CSA File No.	022086
CSA Class No.	1437-01
North America Certification	UL listed, CSA certified

Dimensions



Additional product information (links)

2/3-wire control and circuit diagrams

<http://ecat.moeller.net/flip-cat/?edition=HPL&startpage=17.153>