# **Auxiliaries for Protection Devices** (Tripping & Indication)

# MN

- Instantaneous Undervoltage Release
- Causes the device with which it is associated to trip when input voltage decreases (between 70 % and 35 % of Un)



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Rated Voltage	220-240V, 48V AC
	48V DC
Mechanical state indicator	Front face
Reference Number	A9N26960 (220-240V,
	48V AC)
	A9N26961 (48V DC)

### MNs

- Delayed Undervoltage Release
- Causes the device with which it is associated to trip when input voltage decreases (between 70 % and 35 % of Un

  No tripping in case transient voltage drops (up to 0.2s)



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	Rated Voltage	220-240V AC	
	Mechanical state indicator	Front face	
	Width in 18mm module	1	
	Reference Number	A9N26923	

# **MNx**

- Independent of Supply
- Tripping of the associated device by opening of the control circuit
- A drop in the supply voltage does not trip the associated device.



Rated Voltage	230V, 240V AC
Mechanical state	Front face
indicator	
Width in 18mm module	1
Reference Number	A9N26969 (230 V AC)
	A9N26971 (400 V AC)

# MSU

Overvoltage Release

Cuts off the power supply by opening the device with which it is associated when the phase/neutral voltage is exceeded



Rated Voltage	230V AC
Mechanical state	Front face
indicator	
Width in 18mm module	1
Reference Number	A9N26500

# MX

- Shunt Release
- Trips the associated device when it is powered on
- Emergency stop via a normally-open pushbutton



Rated Voltage	100-415V, 48V, 12-24V AC, 110-130V, 48V, 12-24V DC
Mechanical state indicator	Front face
Width in 18mm module	1
Reference Number	A9N26476 (110-415V AC, 110-130 VDC)
Reference Number	A9N26478 (12-24VAC/ DC) A9N26477 (48 V A/DC)

# OF (On/Off)

• Changeover contact indicating the "open" or "closed" position of the associated device



Rated Voltage	24-415V AC
	24-130V DC
Test function	Front face
Width in 18mm module	0.5
Reference Number	A9N26924

# OF+SD/OF

 On/Off + Trip on Fault auxiliary Double open/closed or fault indicating contact. Two-in-one product: OF+SD or OF+OF



Rated Voltage	24-415V AC
	24-130V DC
Test function	Front Face
Mechanical state indicator	Front face
Width in 18mm module	0.5
Reference Number	A9N26929

• Changeover contact indicating the "open" or "closed position of the associated device



Rated Voltage	24-415V AC
	24-130V DC
Width in 18mm module	0.5
Reference Number	A9N26923

Compulsory for the addition of tripping or indication auxiliaries on xID RCCBs

Double changeover contact which can report to Acti 9 smartlink or programmable logic controller:

- Electrical fault
- Actuation of the tripping auxiliary
- Open/Closed position of the associated device.



Rated Voltage	24V DC	
Test function	on toggle	
Mechanical state	Front face	
indicator	Front lace	
Width in 18mm module	0.5	
Reference Number	A9N26899	

- Faull indicating contact
- Changeover contact indicating position of associated device in event of electrical fault



Rated Voltage	24-415V AC
	24-130V DC
Test function	Front face
Width in 18mm module	0.5
Reference Number	A9N26927