

DIN-RAIL PANEL PRODUCTS

Mains monitoring

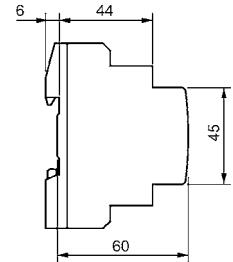
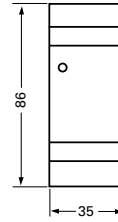


MAINS MONITORING
 NW1
 NWA1 asymmetrical monitoring
 UAB 154 V, UAN 198 V

2 M

	ITEM NO.	WEIGHT g / EACH	PACKING UNIT
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1NO + 1NC	NW1	98	1
	NWA1	98	1

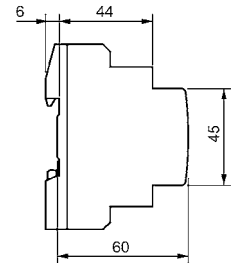
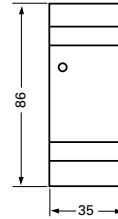


MAINS MONITORING
 NW2
 NWA2 asymmetrical monitoring
 UAB 187 V, UAN 210 V

2 M

	ITEM NO.	WEIGHT g / EACH	PACKING UNIT
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1S + 1Ö	NW2	98	1
	NWA2	98	1



Mains monitoring		NW1 / NW2	NWA1 / NWA2
Technical data / type			
Mains connection		1 - 3-phase 230 / 400 V	3-phase 230 / 400 V
Operational voltage		via L1-N 230 V AC	
Frequency		45...65 Hz	
Power consumption		5.5 VA	
Response / drop delay		0.15...0.5 sec.	
Input pulse amplitude max. 6 ms 20 ms		2.5 KV 1.0 KV	
Asymmetrical monitoring		none	10%
Back-up fuse		no / device inherently stable	
Relays			
Contact material		Ag Ni 0.15 + HV	
Contact interval		> 0.35	
Interval control connections / contact		15 mm	
Rated insulation voltage contact / contact contact / magnet system		1000 V _{eff} 4000 V _{eff}	
Rated switching capacity		2000 VA	
Contact load DC max. (A) 24 V		8 A	
60 V		1.8 A	
110 V		0.4 A	
220 V		0.3 A	
Minimum contact load		10 mA / 12 V	
Mechanical endurance		3 x 10 ⁷	
Endurance with rated load, cos φ =1		100 000	
Endurance with rated load cos φ = 0.4		80 000	
Switching frequency max.		3000 / h	
Switch position display		LED	
Switch-on duration / switching safety		100%	
Temperature at the installation location max. / min.		-40 °C / + 70 °C	
Total power loss during constant excitation		0.55 VA	