INVERSOR DE SURSA AUTOMAT CU TEHNOLOGIE NFC ȘI SINOPTIC, PENTRU 2 SURSE DE ALIMENTARE, (144X144MM/5.7X5.7 "), AUTO-ALIMENTARE AUTORIZATĂ 110 ... 240VAC



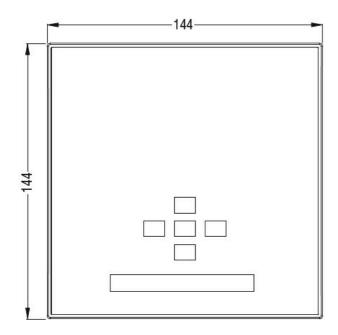
Automatic transfer switch controller for 2 power sources, Product designation self-powered, three phase control, with NFC and synoptic ATL500 Product type designation General characteristics Number of controlled power sources Nr. 2 Display No Expandability No AC Power supply Rated supply voltage AC VAC 110...240 Operating supply voltage range AC VAC 90...300VAC L-N 50/60 Rated frequency Hz Operating frequency range Hz 45...66 Immunity time for microbreakings 110VAC ≤200 ms 220VAC ms ≤400 VA 3.7 Power consumption AC (Max) Voltage inputs 415VAC L-L Maximum rated voltage Ue (240VAC L-N) 155...519VAC L-V L (90...300VAC Measurement range L-N) 45...66 Frequency range Hz True root mean Measurement method square (TRMS) Input impedance phase-phase >1.0MΩ phase-neutral >0.5MΩ ±0.25% f.s. Measuring accurancy Single-phase, two-phase, three-Wiring mode phase with neutral system Digital inputs Number of digital input Nr. 2 Negative Type of digital input Digital current inputs ≤5mA mΑ Low input signal **VDC** ≤2.6V High input signal **VDC** ≥3.1V Input signal delay ≥50 ms

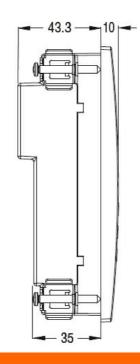
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Relay outputs				
Number of relay output			Nr.	3
Contact arrangement				2 x 1NO-SPST (OUT1, OUT2) + 1 x C/O-SPDT (OUT3)
Electrical life			cycles	10⁵
Mechanical life			cycles	10 ⁷
Interface				
NFC interf.				Yes
Functions				
Programmable source typ	е			Single-phase, two-phase, three- phase with neutral
Ambient conditions				
Temperature				
O	perating temperature	_	0.5	
		min	°C	-30
_		max	°C	+70
St	orage temperature		0.0	22
		min	°C	-30
D.1.0.1		max	°C	+80
Relative humidity			%	<80%
Maximum Pollution degree	,			2
Overvoltage category				3
Measurement category				7/45514 (150/51)
Climatic sequence				Z/ABDM (IEC/EN 60068-2-61)
Shock resistance				15g (IEC/EN 60068-2-27)
Vibration resistance				0.7g (IEC/EN 60068-2-6)
Housing				,
Execution				Flush mount
Material				Polycarbonate
Mounting				Flush mount - panel cut-out 138x138 mm
Degree of protection				IP40 on front, IP65 with optional gasket code EXP8001, IP20 on terminals
Dimensions (W x H x D)			mm	144 x 144 x 52.2mm
Weight			g	580
Dimensions				

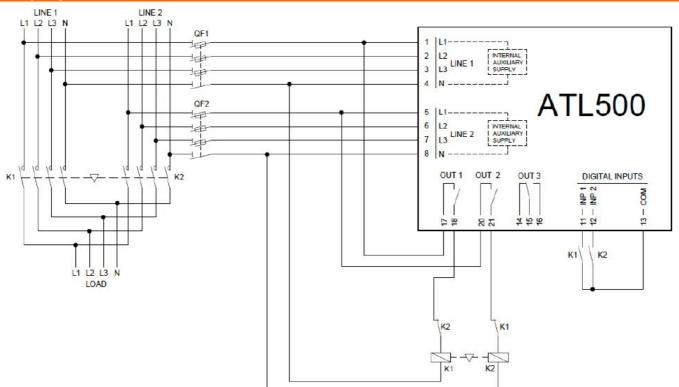


ENERGY AND AUTOMATION





Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1
IEC/EN 60947-6-1
IEC/EN 61000-6-2
IEC/EN 61000-6-3
IEC/EN 61010-1
IEC/EN 61010-2-030

Certificates

RCM





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ETIM classification

ETIM 8.0

EC000236 - PLC CPU-module