

Product designation			Dual power supply module	
Product type designation			ATLDPS1	
General characteristics				
Number of controlled power sources			Nr.	2
AC Power supply				
Rated supply voltage AC			VAC	110...230
Operating supply voltage range AC			VAC	80...300
Rated frequency			Hz	50/60
Operating frequency range			Hz	45...66
Power consumption AC (Max)			VA	7
Voltage inputs				
Maximum rated voltage Ue				110...230VAC
Measurement range			V	80...300
Frequency range			Hz	45...66
Measurement method				True root mean square (TRMS)
Wiring mode				Power supplied by the system with phase-to-neutral voltage <= 300VAC
Digital inputs				
Number of digital input			Nr.	1 for rated voltage selection 110/230VAC
Relay outputs				
Number of relay output			Nr.	3
Contact arrangement				2 x 2NO (presence line 1 and line 2), 1 x 2C/O (relay exchange line), 1 x NO (alarm)
Electrical life			cycles	105
Mechanical life			cycles	107
Ambient conditions				
Temperature				
Operating temperature			min	°C -30
			max	°C +70
Storage temperature			min	°C -30
			max	°C +80
Relative humidity			%	<80%
Maximum Pollution degree				2
Overvoltage category				3
Measurement category				III
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	Modular housing (3 modules DIN 43880)	
Material	Polyamide	
Mounting	35mm DIN rail (IEC/EN 60715) or screw-type by means of removable clips	
Degree of protection	IP40 on front, IP20 on terminals	
Dimensions (W x H x D)	mm	53.5 x 104.7 x 63
Weight	g	300

Dimensions

Wiring diagrams

Certifications and compliance

Compliance

CSA C22.2 n° 14
IEC/EN 60947-1
IEC/EN 60947-6-1
IEC/EN 61000-6-2
IEC/EN 61000-6-3
UL508

Certificates

cULus
EAC
RCM

ETIM classification

ETIM 8.0	EC002541 - AC- power supply
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