

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