



Catalog #: 1756-pa75r [Preferred Availability](#)

ControlLogix AC Redundant Power Supply

Lifecycle status: ACTIVE

Technical Specifications

Electrical

Type of voltage (input voltage)	AC
Power output	75 W
Output voltage at DC	5.1 V
Input voltage, nom	120/240V AC
Inrush current, max	20 A
Input power, max	120VA/115 W
Current capacity	4 A @ 3.3V DC
Power output, max	75 W @ 0...60 °C (32...140 °F)
Annunciator power	240V AC 50/60 Hz, 240V DC, 50 mA, resistive only
Wire category	3 - on annunciator ports, 1 - on power ports, 3 - on 1756-CPR2 connections
Hold-up time	2 cycles @ 60 Hz, 2 cycles @ 50 Hz
Wire size	Power: 2.5 mm ² (14 AWG) solid or stranded copper wire rated at 90 °C (194 °F), or greater, 1.2 mm (3/64 in.) insulation max, Annunciator: 0.25...2.5 mm ² (22...14 AWG) solid or stranded copper wire rated at 90 °C (194 °F), or greater, 1.2 mm (3/64 in.) insulat
Suitable for safety functions	No
Type of output voltage	DC
Input voltage at AC 50 Hz	85 V
Input voltage at AC 60 Hz	85 V

Redundancy capable	No
Input frequency	47 Hz
Pilot duty rating	Annunciator - not rated

Construction

Width	145 mm
Height	175 mm
Depth	137 mm

Mechanical

Enclosure type rating	None (open-style)
Weight	1.45 kg
ISAGX	No
Rockwell tire and rubber rated	No
Conductor screw torque	0.565 Nm

Environmental

Vibration	2 G @ 10...500 Hz
Relative humidity	5...95% noncondensing
Shock	Operating: 30 G
Operating temperature	0 to 60 °C
Voltage variation	IEC 61000-4-11: 30% dips for 1 period at 0° and 180° on AC supply ports, 60% dips for 5 and 50 periods on AC supply ports, ±10% fluctuations for 15 min on AC supply ports, >95% interruptions for 250 periods on AC supply ports

Certifications

- Safety
- CE

This product was certified with the above certifications as of 2023-10-21. Products sold before or after this date might carry different certifications. Please review the product label to check for the certifications your specific product carries.



Copyright ©2023 Rockwell Automation, Inc.