



Product: [RPSS75-24V EEC](#)

24 V DC DIN rail power supply unit

Product Description

Din-Rail power supply, 75 W output power, 24 V DC output voltage, 100-240 V AC input voltage, operating temperature -20 °C up to +70 °C

Technical Specifications

Product description

Type:	RPSS75-24V EEC
Part Number:	942343075

More Interfaces

Voltage input:	1 x terminal block, 3-pin
Voltage output:	1 x terminal block, 4-pin

Power requirements

Current consumption:	max. 1.4 A at 115 V AC, 0.9 A at 230 V AC
Input voltage:	100-240 V AC
Operating Voltage:	85-264 V AC
Output current:	3,125 A
Activation Current:	50 A at 230 V AC

Power Output

Output voltage:	24 V DC
-----------------	---------

Ambient conditions

Operating temperature:	-20-+70 °C
Note:	derating starting at 40°C with 115 V AC derating starting at 50°C with 230 V AC
Storage/transport temperature:	-40-+85 °C
Relative humidity (non-condensing):	5-95 %

Mechanical construction

Dimensions (WxHxD):	27 mm x 123,6 mm x 102 mm
Weight:	220 g
Mounting:	DIN Rail
Protection class:	IP20

Mechanical stability

IEC 60068-2-27 shock:	10 g, 11 ms duration
-----------------------	----------------------

EMC interference immunity

EN 61000-4-2 electrostatic discharge (ESD):	± 8 kV contact discharge; ± 15 kV air discharge
EN 61000-4-5 surge voltage:	power lines: 4 kV (line/earth), 2 kV (line/line)

Approvals

Basis Standard:	CE, UKCA, RCM, BIS
Safety of industrial control equipment:	UL 62368, UL 61010-1
Transportation:	EN50121-4

Reliability

Guarantee:	24 months (please refer to the terms of guarantee for detailed information)
------------	---

Scope of delivery and accessories

Scope of delivery:	Rail power supply, Description and operating manual
--------------------	---

Further Instructions

Certificates:	https://www.doc.hirschmann.com/certificates.html
---------------	---

History

Update and Revision:	Revision Number: 0.28 Revision Date: 05-13-2025
----------------------	---

Variants

Item #	Type
942343075	RPSS75-24V EEC

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.