

Product datasheet

Specifications



Regulated Switch Power Supply, 1 or 2-phase, 200...240V AC, 24V, 2.5 A

ABL7RE2403

! Discontinued on: 07 Jan 2021

! End-of-service on: 28 Feb 2021

! Discontinued

Price: 4,239.60 ZAR

Main

Range of product	Modicon Power Supply
Product or component type	Power supply
Power supply type	Regulated switch mode
Nominal input voltage	200...240 V AC phase to phase, terminal(s): L1-L2 200...240 V AC single phase, terminal(s): N-L1
Rated power in W	60 W
Output voltage	24 V DC
Power supply output current	2.5 A
Anti-harmonic filter	Low frequency harmonic currents

Complementary

Input voltage limits	170...264 V AC
Input protection type	Integrated fuse (not interchangeable)
Inrush current	90 A
Power factor	0.5 at 24 V DC
Efficiency	84 %
Output voltage adjustment	22.2...28.8 V adjustable
Power dissipation in W	11.4 W
Current consumption	0.7 A 240 V AC
Provided equipment	Power factor correction filter conforming to IEC 61000-3-2
Residual ripple	200 mV
Output protection type	Against undervoltage, protection technology: tripping if $U < 19$ V Against short-circuits
Connections - terminals	Screw type terminals: 2 x 0.14...2 x 2.5 mm ² , (AWG 26...AWG 14) for input connection Screw type terminals: 4 x 0.14...4 x 2.5 mm ² , (AWG 26...AWG 14) for output connection
Status LED	1 LED (green) output voltage
Output coupling	Series Parallel
Marking	CE

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Mounting support	35 x 7.5 mm symmetrical DIN rail panel 2 screws, diameter : 4 mm 35 x 15 mm symmetrical DIN rail
Operating position	Vertical
Supply	SELV conforming to IEC 60950-1 SELV conforming to IEC 60204-1 SELV conforming to IEC 60364-4-41
Dielectric strength	3000 V with between input and output

Environment

Standards	EN/IEC 62368-1
Product certifications	EAC TUV 60950-1 CULus 508
Environmental characteristic	EMC conforming to EN 55022 class B EMC conforming to IEC 61000-6-3 EMC conforming to IEC 61000-6-2 EMC conforming to EN/IEC 61204-3 Safety conforming to IEC 60950-1
IP degree of protection	IP20 conforming to IEC 60529
Ambient air temperature for operation	-25...55 °C without derating mounting position A < 2000 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



Lifetime extension

Repair

No