



PRODUCT BRIEF

S8NR IP67 Power Supply

The OMRON S8NR Series is an IP67 rated DC power supply designed for out of panel installation in harsh industrial environments. It delivers stable, protected power close to the machine, reducing control panel complexity, wiring effort, and maintenance time. A fully sealed enclosure, standardized M12 Smartclick connectors, and multiple independent output channels enable reliable operation in dusty, wet, or vibration prone applications. Integrated electronic circuit protection, local LED status indication, and IO Link communication provide real time visibility and simplify troubleshooting, helping maintain uptime while supporting flexible, decentralized power architectures.

Applications:

- Power devices in harsh or washdown environments
- Enable out of panel machines or field mounted installations
- Distribute DC power to multiple devices with independent protection
- Improve maintenance access and reduce troubleshooting time

Key Features:

- IP67 rated enclosure for reliable operation in dust, moisture, and vibration
- Multiple output channels with individually adjustable electronic circuit protection
- Panel less design reduces enclosure size, wiring complexity, and installation effort
- M12 Smartclick connectors for standardized, fast cabling
- Local LED status indication and IO Link communication for monitoring and diagnostics

S8NR Product Selection



Capacity	Input Voltage	Output Voltage	Maximum Tripping Output Current per a Branch Output	Output Branch	Communication	Model
360 W	Single-phase 100 to 240 VAC	24 V	M12-A: 3.8 A M12-L: 10 A	2 connectors 4 outputs Connector 1: 10 A, 10 A Connector 2: 10 A, 10 A	IO-Link	S8NR-S36024-A0L2-IL3
				3 connectors 4 outputs Connector 1: 3.8 A (Class 2) Connector 2: 3.8 A (Class 2) Connector 3: 10 A, 10 A		S8NR-S36024-A2L1-IL3
600 W	Single-phase 200 to 240 VAC			3 connectors 6 outputs Connector 1: 10 A, 10 A Connector 2: 10 A, 10 A Connector 3: 10 A, 10 A		S8NR-S60024-A0L3-IL3
				4 connectors 6 outputs Connector 1: 3.8 A (Class 2) Connector 2: 3.8 A (Class 2) Connector 3: 10 A, 10 A Connector 4: 10 A, 10 A		S8NR-S36024-A2L2-IL3

Mounting Brackets (Sold Separately)

Name	Model
DIN-Rail mounting brackets	S82Y-NRS02DIN

Waterproof Caps (Sold Separately)

Name	Model
Waterproof caps for socket connectors	XS5Z-12
Waterproof caps for plug connectors	XS5Z-13