

SAFETY MANAGER UNIVERSAL I/O

Product Data Sheet

FC-RUSIO-3224

32-channel remote universal safe I/O module

SUPPLY VOLTAGE	SUPPLY CURRENT	UNIVERSAL SAFE CHANNELS	DIGITAL INPUTS
24 V DC, -15% to +30%	300 mA maximum without field load	32	Up to 32

Honeywell FC-RUSIO-3224 is a 32-channel remote universal safe I/O module in the Safety Manager universal I/O family. The complete article identifies its documented electrical, communication and functional arrangement.

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VERIFIED TECHNICAL DATA

Supply voltage	24 V DC, -15% to +30%
Supply current	300 mA maximum without field load
Universal safe channels	32
Digital inputs	Up to 32
ESD inputs	Up to 1 with line monitoring
Analog inputs	Up to 32
Digital outputs	Up to 32
Combined output load	9 A maximum
Analog outputs	Up to 16
Channel configuration	Software configurable

ADDITIONAL PRODUCT DATA

Safety level	SIL 3 per IEC 61508/61511
Operating temperature	-40 to +70 °C outside module
Storage temperature	-40 to +85 °C
Relative humidity	10 to 95%, non-condensing

DOCUMENTED USE SETTINGS

Pharmaceutical and Life Science Industries: Pharmaceutical manufacturing sites.

Food and Beverage Industries: Food manufacturing facilities.

Pulp, Paper and Forest Industries: Pulp and paper mill sites.

SYSTEM COMPATIBILITY

FC-RUSIO-3224 provides the documented role of 32-channel remote universal safe I/O module within Safety Manager universal I/O. Match the complete article with the installed host and system architecture.

PRODUCT EVIDENCE

Honeywell Safety Manager universal I/O manufacturer documentation