

PROSAFE-RS FIO DIGITAL I/O

Product Data Sheet

SDV521-S33/PRP S3

digital output module

FUNCTION digital output module	FAMILY ProSafe-RS FIO digital I/O	ORIGIN Japan	WEIGHT 0.36 kg
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Yokogawa ProSafe-RS SDV521-S33/PRP S3 is a digital output module for the ProSafe-RS FIO digital I/O. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Output Channels	4, module-isolated
Output Voltage	24 V DC
Voltage Drop	1 V maximum
External Supply	24 V DC +20%/-10%
Supply Capacity	8.2 A for all rated channels
OFF Leakage	1.6 mA maximum
Output Format	Current source
Maximum Load	2 A per line; 8 A total
Minimum Load	100 mA
Load Resistance	12 to 240 Ω

ADDITIONAL PRODUCT DATA

Response Time	30 ms maximum
Withstand Voltage	2 kV AC for 1 minute
5 V Consumption	280 mA maximum
24 V Consumption	140 mA maximum
Communication option	Standard non-HART type

OFFICIAL APPLICATIONS

- Safety digital-output assemblies: ProSafe-RS Output Systems
- Solenoid and relay circuits: Field Output Systems
- Discrete final-element commands: Safety Instrumented Systems

SYSTEM COMPATIBILITY

Match SDV521-S33/PRP S3 to the installed ProSafe-RS FIO digital I/O, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Yokogawa official General Specifications](#)

<https://web-material3.yokogawa.com/GS32Q06K40-31E.pdf>

AMIKON PRODUCT SUPPORT

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