

PROSAFE-RS

Product Data Sheet

SCP461-E1 S2

Safety control processor module

CONTROL NETWORK PORTS	NETWORK SPEED	ETHERNET TRANSMISSION MODE	ETHERNET PHYSICAL INTERFACE
2 Vnet/IP	100 Mbps	Full duplex	100BASE-TX

Yokogawa SCP461-E1 S2 is a processor module in the ProSafe-RS safety instrumented system family for SSC60S/SSC60D and S2SC70S/S2SC70D safety control units. It executes the configured safety application and coordinates field I/O in process plants, including oil and gas production, chemical processing and power generation.

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VERIFIED TECHNICAL DATA

Control network ports	2 Vnet/IP
Network speed	100 Mbps
Ethernet transmission mode	Full duplex
Ethernet physical interface	100BASE-TX
Network connector	RJ45
Network cable category	CAT5e or higher
Controller-to-switch distance	100 m maximum
Front configuration switch	6-bit DIP
Status indicator bank	8 numbered LEDs
Battery pack	S9185FA

ADDITIONAL PRODUCT DATA

Battery chemistry	Lithium
Battery replacement interval	3 years at average ambient ≤ 30 deg C; 18 months at ≤ 40 deg C; 9 months at ≤ 50 deg C
Application-program storage	Flash memory
Operating-data storage	NVRAM
Redundant processor quantity	2 identical modules

DOCUMENTED USE SETTINGS

Chemical Manufacturing and Petrochemical Production Processing: Industrial Chemical Production.

Oil and Natural Gas Production and Processing: Oil Production and Processing.

Electric Power Generation and Industrial Heat Production: Thermal Electric Power Generation.

SYSTEM COMPATIBILITY

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OFFICIAL SOURCE

Yokogawa IM 32Q06C10-31E, processor module and maintenance sections

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM