

CENTUM VP FIO

Product Data Sheet

EC402-51 S1

ESB Bus Coupler Module

ESB FRONT PORTS	I/O DATA TRANSMISSION RATE	STANDARD NODE LIMIT PER BRANCH	STANDARD BRANCH TRANSMISSION DISTANCE
2	128 Mbps	9 units	10 m maximum

Yokogawa EC402-51 S1 is a esb bus coupler module in the CENTUM VP FIO range. It connects a field control unit to ESB node units and supports the documented local I/O communication arrangement. The -51 code identifies the standard non-explosion-protected version with the G3 environment option.

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VERIFIED TECHNICAL DATA

ESB front ports	2
I/O data transmission rate	128 Mbps
Standard node limit per branch	9 units
Standard branch transmission distance	10 m maximum
Combined branch transmission distance	20 m maximum
Module current consumption	0.5 A
Corrosive gas environment option	ISA-S71.04 G3
Dual-redundant coupler quantity	2 modules
Non-redundant FCU installation slot	7
Redundant partner installation slot	8

ADDITIONAL PRODUCT DATA

Star branch node limit with A2FV50 and ANT4x1	12 units per branch, CENTUM VP R6.06 or later
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DOCUMENTED USE SETTINGS

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

Chemical Manufacturing and Petrochemical Production: Industrial Chemical Manufacturing.

Electric Power Generation and Energy Production: Thermal Power Generation.

SYSTEM COMPATIBILITY

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PRODUCT EVIDENCE

CENTUM VP FIO manufacturer technical reference

AMIKON PRODUCT SUPPORT

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