CENTUM VP

Product Data Sheet

SB401-10 S1

ESB Bus Interface Module

ESB INTERFACE ROLE	NODE HOSTS	DUPLEX NODE INTERFACE CONFIGURATION	STANDARD NODE AMBIENT TEMPERATURE
Slave bus interface	**ANB10S / ANB10D**	**2 SB401 modules**	**0 to 60 °C**

This is the Style S1 SB401 ESB bus interface module for the node side of an applicable Yokogawa CENTUM VP installation.

01 TECHNICAL DATA

ESB interface role	Slave bus interface
Node hosts	ANB10S / ANB10D
Duplex node interface configuration	2 SB401 modules
Standard node ambient temperature	0 to 60 °C
Transport and storage ambient temperature	-20 to 60 °C
Ambient humidity	5 to 95% RH, non-condensing
Operating ambient temperature change	Within ±10 °C/h
Storage ambient temperature change	Within ±20 °C/h
Independent grounding resistance	100 ohms maximum
Airborne dust limit	0.3 mg/m³ maximum

Yokogawa GS 33J60F20-01EN p. 1; GS 33K50F10-50E p. 2, shared FIO installation conditions

02 ADDITIONAL PRODUCT DATA

Standard corrosive gas class	ANSI/ISA S71.04 G2
Continuous vibration limit	0.25 mm at 1–14 Hz; 2.0 m/s² at 14–100 Hz
Earthquake acceleration limit	4.9 m/s²
Installation altitude	2000 m maximum
Electrostatic discharge limit	4 kV contact; 8 kV air

03 PRODUCT FUNCTION

Yokogawa lists SB401 as the slave interface for ANB10-series nodes and specifies two modules for a dual-redundant node. Confirm the exact -10 configuration against the installed unit and station records.

04 SYSTEM COMPATIBILITY

Shared installation limits apply to the host configuration specified by the manufacturer.

05 REFERENCE

Yokogawa GS 33J60F20-01EN p. 1; GS 33K50F10-50E p. 2, shared FIO installation conditions

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