SINAMICS VSM10

Product Data Sheet

6SL3053-0AA00-3AA0

VSM10 voltage sensing module

ELECTRONICS SUPPLY	MAXIMUM SUPPLY CURRENT	MAXIMUM SUPPLY CONDUCTOR	DIRECT VOLTAGE CONNECTION
24 V DC	**0.2 A, D21.3 2011 catalog**	**2.5 mm2**	**Up to 690 V**

Siemens 6SL3053-0AA00-3AA0 is the original SINAMICS VSM10 Voltage Sensing Module. It provides separate connections for direct voltage sensing up to 690 V and transformer-coupled sensing up to 100 V, with a DRIVE-CLiQ link to the drive electronics.

01 TECHNICAL DATA

Electronics supply	24 V DC
Maximum supply current	0.2 A, D21.3 2011 catalog
Maximum supply conductor	2.5 mm2
Direct voltage connection	Up to 690 V
Transformer voltage connection	Up to 100 V
X521 input resistance	More than 362 kohm per phase
X522 input resistance	More than 2.5 Mohm per phase
Analog inputs	Two, reserved for Active Interface Module monitoring
Analog input resistance	Approximately 100 kohm differential
Analog resolution	12 bit

02 ADDITIONAL PRODUCT DATA

Temperature input	One, KTY84-130 or PTC
DRIVE-CLiQ sockets	One
Protective-earth connection	M4 screw
Mounting rail	TH 35 according to EN 60715
Status indication	Two-color LED

03 PRODUCT FUNCTION

The module includes two reserved analog inputs, one KTY84-130 or PTC temperature input and a 24 V DC electronics connection. Its 50 x 150 x 111 mm enclosure mounts on a TH 35 rail, incorporates an M4 protective-earth connection and displays status through a two-color LED.

04 SYSTEM COMPATIBILITY

Connect the 24 V electronics supply, DRIVE-CLiQ link, protective conductor and any required temperature circuit according to the applicable drive manual. Keep the two reserved analog inputs assigned only to their documented Active Interface Module purpose.

05 REFERENCE

Siemens D21.3 2011, VSM10 Voltage Sensing Module, catalog page 2/167

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