

SIPLUS CMS2000 VIB-MUX; 8 IEPE INPUT CHANNELS IN MULTIPLEX MODE CONNECTED TO ONE OUTPUT CHANNEL; CONTROLLED THROUGH SYSTEM INTERFACE; MAX. 2 VIB-MUX MODULES PER BASIC UNIT VIB USABLE



General information	
Product brand name	SIPLUS
Product designation	SIPLUS CMS2000 VIB-MUX
Product description	Up to two SIPLUS CMS2000 VIB-MUX expansion modules can be connected to the SIPLUS CMS2000 Basic Unit VIB. Up to 8 IEPE vibration channels can be connected for each expansion module.
Functional principle	Multiplexing of analog IEPE signals
Physical measuring principle	Vibration acceleration
Measurement range vibration frequency, min.	2 Hz
Measurement range vibration frequency, max.	10 000 Hz
Installation type/mounting	
Mounting type	standard rail
Mounting position	vertical
Recommended mounting position	vertical
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	24 V

Power	
Power consumption, max.	2.4 W
Digital outputs	
Number of digital outputs	1
Sensor input	
Number of IEPE sensor inputs	8
Number of MEMS sensor inputs	0
Interfaces	
SIMOCODE interface	Yes
Degree and class of protection	
IP degree of protection	IP20
Standards, approvals, certificates	
Certificate of suitability	CE, UL 508, CSA C22.2 Nr.142, C-TICK (RCM)
CE mark	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes
China RoHS compliance	Yes
Equipment marking according to EN 61346-2	P
Equipment marking according to DIN 40719, expanded according to IEC 204-2, according to IEC 750	P
Ambient conditions	
Ambient temperature during operation	
• min.	-20 °C
• max.	65 °C
Ambient temperature during storage/transportation	
• Storage, min.	-25 °C
• Storage, max.	85 °C
• Transportation, min.	-25 °C
• Transportation, max.	85 °C
Relative humidity	
• Operation without condensation, min.	5 %
• Operation without condensation, max.	95 %
Connection method	
Design of electrical connection for the inputs and outputs	Screw connection
Design of electrical connection for auxiliary and control circuit	Screw connection

• Connectable conductor cross-section, solid or stranded, min.	0.5 mm ²
• Connectable conductor cross-section, solid or stranded, max.	4 mm ²
• Connectable conductor cross-section, finely stranded with end sleeve, min.	0.5 mm ²
• Connectable conductor cross-section, finely stranded with end sleeve, max.	2.5 mm ²
• Connectable cable cross-section finely stranded without end sleeve, min.	0.5 mm ²
• Connectable cable cross-section finely stranded without end sleeve, max.	2.5 mm ²
Terminals	
• Removable terminal for main circuit	Yes
• Removable terminal for auxiliary and control circuit	Yes
Mechanics/material	
Material of housing	plastic
Dimensions	
Width	45 mm
Height	106 mm
Depth	124 mm
Weights	
Weight	0.27 kg
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