6BK1943-1AA00-0AA0

Data sheet



SIPLUS HCS4300 CIM4310 Central Interface Module with PROFINET communication

Figure similar

Product type designation Installation type/mounting Mounting type Mounting position Vertical Forced ventilation Sorew mounting to POM Mounting position Vertical Forced ventilation Supply voltage Type of supply voltage Type of supply voltage Possign of electrical connection for AWG cables Possign of electrical connection for AWG cables Possign of electrical connection for ROFINET interface Possign of electrical connection of PROFINET interface Possign protocol for PROFINET iO Possign of electrical connection of PROFINET interface Protocols Supports protocol for PROFINET iO Possign of electrical connection of PROFINET interface Protocols Supports protocol for PROFINET iO No Elen'Net/IP No Interrupts/diagnostics/status information Number of status displays Jector of political connection	General information		
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Rated value (DC) 24 V relative symmetrical tolerance of the supply voltage 20 % Connection method • Design of electrical connection for supply voltage — Connectable conductor cross-sections, solid 1x (0.2 2.5 mm²)			
relative symmetrical tolerance of the supply voltage Connection method Design of electrical connection for supply voltage — Connectable conductor cross-sections, solid — Connectable conductor cross-sections, finely stranded with wire end processing — Connectable conductor cross-sections for AWG cables Power Active power input Active power output connectable Number of slots Interfaces/bus type PROFINET IO Posign of electrical connection of PROFINET interface Protocols Supports protocol for PROFINET IO PROFIBUS DP Refined of status displays LED status display LED status display Led Status information Itil Degree of pollution 2 0 % Power with spring-type terminal, push-in 1x (0.2 2.5 mm²) 1x (0	Type of supply voltage	DC	
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Slots	Hardware configuration		
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Overvoltage category III Degree of pollution 2	LED status display	LED green = ready, LED yellow = heating on/off, LED red = error display	
Degree of pollution 2	Isolation		
-0 1	Overvoltage category	III	
EMC	Degree of pollution	2	
	EMC		

EMC interference emission	Limit value in accordance with IEC 61000 6 4:2007 L A1:2011	
EMC interference emission	Limit value in accordance with IEC 61000-6-4:2007 + A1:2011	
Electrostatic discharge acc. to IEC 61000-4-2	4 kV contact discharge / 8 kV air discharge	
Field-related interference acc. to IEC 61000-4-3	10 V/m (80 1 000 MHz), 3 V/m (1.4 2.0 GHz), 1 V/m (2.0 2.7 GHz)	
Conducted interference due to burst acc. to IEC 61000-4-4	2 kV power supply lines, 2 kV PROFINET cables	
Conducted interference due to surge acc. to IEC 61000-4-5	DC supply lines: 0.5 kV symmetric and unsymmetric PROFINET cables: 1 kV unsymmetric	
Conducted interference due to high-frequency radiation acc. to IEC 61000-4-6	10 V (0.15 80 MHz)	
Degree and class of protection		
IP degree of protection	IP20	
Standards, approvals, certificates		
CE mark	Yes	
UL approval	Yes	
RCM (formerly C-TICK)	Yes	
KC approval	Yes	
EAC (formerly Gost-R)	Yes	
China RoHS compliance	Yes	
reference designation according to IEC 81346-2 (2009)	К	
Ambient conditions		
Ambient temperature during operation		
• min.	0 °C	
• max.	55 °C	
Ambient temperature during storage/transportation		
Storage, min.	-25 °C	
Storage, max.	70 °C	
Transportation, min.	-25 °C	
Transportation, max.	70 °C	
Air pressure acc. to IEC 60068-2-13		
Operation, min.	860 hPa	
Operation, max.	1 080 hPa	
Storage, min.	660 hPa	
Storage, max.	1 080 hPa	
Altitude during operation relating to sea level		
Installation altitude above sea level, max.	2 000 m	
Relative humidity		
Operation at 25 °C, max.	95 %	
Operation at 50 °C, max.	50 %; 95 % at 25 °C, decreasing linearly to 50 % at 50 °C	
Vibrations		
Vibration resistance during operation acc. to IEC 60068- 2-6	10 58 Hz / 0.075 mm, 58 150 Hz / 1 g	
 Vibration resistance during storage acc. to IEC 60068-2-6 	5 8.5 Hz / 3.5 mm, 8.5 500 Hz / 1 g	
Shock testing	5 5.5 7 5.6 mm, 5.6 505 m. 27 mg	
Shock resistance during operation acc. to IEC 60068-2-27	15 g / 11 ms / 3 shocks/axis	
Shock resistance during storage acc. to IEC 60068-2-29	25 g / 6 ms / 1 000 shocks/axis	
Dimensions		
Width	56 mm	
Height	285 mm	
Depth	136 mm	
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