

SIPLUS HCS4200 Rack 4200 for holding up to 12 POM4220



General information

Product type designation	Rack4200 for 12 POMs
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Installation type/mounting

Mounting type	Control cabinet backplane
Mounting position	Horizontal
Type of ventilation	Self ventilation or forced ventilation

Hardware configuration

Type of power output connectable	POM4220
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Slots

• Number of slots	12
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Interfaces

Interfaces/bus type	system interface
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Isolation

Degree of pollution	2
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EMC

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)

Degree and class of protection

IP degree of protection	IP20
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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)	K

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 Pa
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• Operation, max. • Storage, min. • Storage, max.	1 080 Pa 660 Pa 1 080 Pa
Altitude during operation relating to sea level	
• Installation altitude above sea level, max.	2 000 m
Relative humidity	
• Operation at 25 °C, max. • Operation at 50 °C, max.	95 % 50 %; 95 % at 25 °C, decreasing linearly to 50 % at 50 °C
Vibrations	
• Vibration resistance during operation acc. to IEC 60068-2-6 • Vibration resistance during storage acc. to IEC 60068-2-6	10 ... 58 Hz / 0.075 mm, 58 ... 150 Hz / 1 g 5 ... 8.5 Hz / 3.5 mm, 8.5 ... 500 Hz / 1 g
Shock testing	
• Shock resistance during operation acc. to IEC 60068-2-27 • Shock resistance during storage acc. to IEC 60068-2-29	15 g / 11 ms / 3 shocks/axis 25 g / 6 ms / 1 000 shocks/axis
Dimensions	
Width	488 mm
Height	285 mm
Depth	293 mm
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