SIEMENS

Data sheet 6BK1942-0BA00-0AA0



spare part SIPLUS HCS4200 Rack 4200 for holding up to 4 POM4220

General information	
Product type designation	RACK4200 for 4 POMs
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
Slots	
● Number of slots	4
Interfaces	
Interfaces/bus type	system interface
Isolation	
Degree of pollution	2
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
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
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

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● 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	
● 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	204 mm
Height	285 mm
Depth	293 mm

Classifications

	Version	Classification
eClass	16	27-24-40-03
eClass	14	27-24-40-03
eClass	12	27-24-40-03
eClass	9.1	27-24-40-03
eClass	9	27-24-40-03
eClass	8	27-24-26-03
eClass	7.1	27-24-26-03
eClass	6	27-24-26-03
ETIM	10	EC002983
ETIM	9	EC002983
ETIM	8	EC002983
ETIM	7	EC002983
IDEA	4	3560
UNSPSC	15	32-15-17-04

Approvals / Certificates

General Product Approval	EMV

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