



SIPLUS HCS716I SUBRACK - VERSION SWING FRAME - FOR INTEGRATION OF MAX. 12 POWER MODULES LA716, LA716I AND LA716I HP. EACH L-MODULE IS CONNECTED VIA DIRECT CONNECTOR ON A BUS BOARD, WHICH IS MOUNTED ON THE REAR OF THE SUBRACK. THE CONTROL MODULE WITH THE DPC31 ASIC FOR PROFIBUS CONNECTION IS ALSO MOUNTED ON THE REAR.

product brand name		SIPLUS
Inputs/ Outputs:		
Number of slots		12
General technical data:		
Type of power output / connectable		LA716 / LA716I / LA716I HP
Number of status displays		2
Type of display / as status display by LED		LED green = status indicator, LED red = fault indicator
Communication:		
Design of the interface		PROFIBUS DP
Supply voltage:		
Type of / supply voltage		AC
Supply voltage / for AC / rated value	V	230
Relative negative tolerance / of supply voltage	%	18
Relative positive tolerance / of supply voltage	%	15
Relative symmetrical tolerance / of the supply voltage frequency	%	5
Stored energy time / at mains power cut	ms	20
Recovery time / after mains power cut / typical	s	1
Power capacity		

- with fan / per rack / maximum
- without fan / per rack / maximum

kW	176
kW	67

Ambient conditions:

Protection class IP		IP00
Resistance against shock / according to IEC 60068-2-27		15g / 11 ms / 3 shocks / axis
Conductor-bound parasitic coupling BURST / according to IEC 61000-4-4		2 kV voltage supply cables / 2 kV signal cables
Conductor-bound parasitic coupling SURGE / according to IEC 61000-4-5		On supply lines: 1 kV symmetrical, 2 kV asymmetrical, PROFIBUS cable asymmetrical 1 kV
Conducted interference as high-frequency radiation / according to IEC 61000-4-6		10 V in the frequency range 0.15 ... 80 MHz, Modulation 80 % AM at 1 kHz, evaluation criterion A
Electrostatic discharge / according to IEC 61000-4-2		4 kV contact discharge / 8 kV air discharge
Field-bound parasitic coupling / according to IEC 61000-4-3		10 V/m (80 ... 1000 MHz), 3 V/m (1.4 ... 2.0 GHz), 1 V/m (2.0 ... 2.7 GHz)
EMC emitted interference		in accordance with EN 61000-6-4:2007 + A1:2011
Installation altitude / at a height over sea level / maximum	m	2,000
Ambient temperature		
• during storage	°C	-40 ... +70
• during operating	°C	0 ... 55
• during transport	°C	-40 ... +70
Air pressure		
• during operating phase	hPa	860 ... 1,080
• during storage	hPa	660 ... 1,080

Connections:

terminals

Nature of the ventilation	Self ventilation or forced ventilation
---------------------------	--

Installation/mounting/dimensions:

mounting position		horizontal
Mounting type		in a hinged frame
Width	mm	483
Height	mm	265.5
Depth	mm	350

Certificates/approvals:

Verification of suitability	CE, KCC
-----------------------------	---------

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.automation.siemens.com/mcms/topics/en/siplus/industrial-heating-control/Pages/home.aspx>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

Cax online generator:

<http://www.siemens.com/cax>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/6BK1700-2AA00-0AA1/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6BK1700-2AA00-0AA1

last change:

Jun 16, 2014