



SIPLUS HCS716I SUBRACK - VERSION MOUNTING FRAME - FOR INTEGRATION OF MAX. 4 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 MOUNTED ON RIGHT SIDE OF THE HOUSING.

product brand name	SIPLUS
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**Inputs/ Outputs:**

Number of slots	4
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**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
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**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	59
kW	22

#### Ambient conditions:

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

#### Connections:

##### terminals

<b>Nature of the ventilation</b>	Self ventilation or forced ventilation
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#### Installation/mounting/dimensions:

<b>mounting position</b>		horizontal
<b>Mounting type</b>		Control cabinet backplane
<b>Width</b>	mm	202.7
<b>Height</b>	mm	309.5
<b>Depth</b>	mm	287

#### Certificates/approvals:

<b>Verification of suitability</b>	CE, KCC
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#### Declaration of Conformity



## Further information:

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

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

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### Industry Mall (Online ordering system)

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

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### Cax online generator:

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

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

<http://support.automation.siemens.com/WW/view/en/6BK1700-2AA80-0AA0/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=6BK1700-2AA80-0AA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6BK1700-2AA80-0AA0)

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last change:

Jun 16, 2014