



SIPLUS HCS716I POWER MODULE LA716I HP WITH 8 CHANNELS EACH MAX. 2300W. FOR USE A MODULES SUBRACK IS REQUIRED. THE 5 X 20 MM FUSES 10 AMP. QUICK-RESPONSE F.EACH CHANNEL ARE PLUGGED ON OPEN FUSE HOLDERS AND ARE EXCHANGEABLE. 2 -PHASE POWER SUPPLY VIA FRONT SIDE 3-POLE TERMINALS (IN THE SCOPE OF SUPPLY). HEATER OUTLETS VIA 2 X 8-PIN CONNECTORS (NOT IN THE SCOPE OF SUPPLY).

<b>product brand name</b>		SIPLUS
<b>Product designation</b>		HCS716I power module LA716I HP

**Inputs/ Outputs:**

<b>Design of the electrical isolation</b>		Optocoupler between main circuit and SELV/PELV
<b>Galvanic isolation / between the outputs</b>		No
<b>Power capacity</b>		
• per output / maximum	W	2,300
<b>Type of load</b>		Ohmic load

**Supply voltage:**

<b>Type of / supply voltage</b>		AC
<b>Supply voltage / for AC / rated value</b>	V	230
<b>Relative negative tolerance / of supply voltage</b>	%	18
<b>Relative positive tolerance / of supply voltage</b>	%	15
<b>Relative symmetrical tolerance / of the supply voltage frequency</b>	%	5

**General technical data:**

<b>Product function / temperature surveillance</b>		Yes
<b>Diagnose function</b>		Voltage diagnostics
• wire breakage		Yes

- Securing case
- heat emitter failure

Yes  
Yes

### Communication:

#### Design of the interface

system interface

### Ambient conditions:

#### Protection class IP

IP00

#### Shock resistance / 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 power supply and signal cables: 1 kV symmetrical, 2 kV unsymmetrical

#### Conducted interference as high-frequency radiation / according to IEC 61000-4-6

10 V (0.15 ... 80 MHz)

#### 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
- during operating
- during transport

°C -40 ... +70

°C 0 ... 55

°C -40 ... +70

#### Air pressure

- during operating phase
- during storage

hPa 860 ... 1,080

hPa 660 ... 1,080

### Connections:

#### Stecker/Buchsen/Klemmen:

#### Type of the connectable conductor cross-section

- at the outputs
- solid

1x (0.2 ... 1.5 mm<sup>2</sup>)

#### Design of electrical connection / for supply voltage

Connector, 3-pin

#### Type of the connectable conductor cross-section / for supply voltage

- solid
- finely stranded / with end sleeve processing

1x (0.2 ... 10 mm<sup>2</sup>)

1x (0.25 ... 6 mm<sup>2</sup>)

#### Type of the connectable conductor cross-section / for AWG cables / for supply voltage

24 ... 8

### Installation/mounting/dimensions:

#### Mounting type

Mounting clip in the rack

<b>Width</b>	mm	31
<b>Height</b>	mm	233.4
<b>Depth</b>	mm	279

#### Certificates/approvals:

**Verification of suitability** CE, KCC

#### 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>

##### 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/6BK1700-4CA00-0AA0/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=6BK1700-4CA00-0AA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6BK1700-4CA00-0AA0)

**last change:**

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