



SIPLUS HCS716I POWER OUTPUT MODULE LA716I WITH 16 CHANNELS EACH MAX. 1150W. FOR USE A MODULES SUBRACK IS REQUIRED. THE 5 X 20 MM FUSES 5 AMP. QUICK-RESPONSE FOR 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).

product brand name		SIPLUS
Product designation		HCS716I power module LA716I

Inputs/ Outputs:

Design of the electrical isolation		Optocoupler between main circuit and SELV/PELV
Galvanic isolation / between the outputs		No
Power capacity		
• per output / maximum	W	1,150
Type of load		Ohmic load

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

General technical data:

Product function / temperature surveillance		Yes
Diagnose function		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 mm²)

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 mm²)

1x (0.25 ... 6 mm²)

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

Width	mm	31
Height	mm	233.4
Depth	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/6BK1700-4BA80-0AA0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6BK1700-4BA80-0AA0

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