



PE INFEED,
CONNECTION MAIN CIRCUIT: SCREW TERMINAL,
TERMINAL MAX. 25 MM² / 35 MM²

General technical data:

product brand name		SIRIUS
Product designation		PE infeed
Protection class IP		IP20
Degree of pollution		3
Installation altitude / at a height over sea level		
• maximum	m	2,000
Ambient temperature		
• during transport	°C	-55 ... +80
• during storage	°C	-55 ... +80
• during operating	°C	-20 ... +60
Resistance against vibration		f = 4 to 5.8 Hz; d = 15 mm; f = 5.8 to 500 Hz; a = 2 m / s ² 10 cycles
Resistance against shock		Semi-sinusoidal a = 6 m/s ² at 10 ms; 3 pos. and 3 neg. Shock in all axes
Reference code		
• according to DIN EN 61346-2		W
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		W

Main circuit:

Operating current / at 400 V / for AC

- rated value

A

63

Installation/mounting/dimensions:

Mounting type

plug-in fixing

Width

mm

32

Height

mm

65

Depth

mm

70

Connections:

Design of the electrical connection

- for main current circuit

screw-type terminals

Design of screw-type connection

- for main contacts

M3

Wire stripping length / for main contacts

mm

13

Tightening torque / for main contacts

- with screw-type terminals

N·m

3 ... 4.5

Conductor cross-section that can be connected / for supply / for main contacts / using the upper clamping point

- solid
- stranded
- finely stranded /
-
-

mm²

2.5 ... 35

mm²

2.5 ... 35

mm²

2.5 ... 25

mm²

2.5 ... 25

Conductor cross section that can be connected / for supply / for main contacts / using the lower clamping point

- solid
- finely stranded /
-
-

mm²

2.5 ... 35

mm²

2.5 ... 25

mm²

2.5 ... 25

Conductor cross section that can be connected / for supply / for main contacts / using both clamping points

- solid
- stranded
- finely stranded
- with
- with

mm²

2 ... 25

mm²

2 ... 25

mm²

2 ... 16

mm²

2 ... 16

AWG number / as coded connectable conductor cross section / for supply / for main contacts

- using both clamping points
- using both clamping points
- using both clamping points

12 ... 2

12 ... 2

16 ... 2

Type of the connectable conductor cross section / for supply / for main contacts / using the upper clamping point • unifilar • stranded wire • finely stranded/ with conductor end processing • • without conductor end processing		2.5 ... 35 mm ² 2.5 ... 35 mm ² 2.5 ... 25 mm ² 2.5 ... 25 mm ²
Type of the connectable conductor cross-section / for supply / for main contacts / using the lower clamping point • unifilar • stranded wire • finely stranded/ with conductor end processing • • without conductor end processing		2.5 ... 35 mm ² 2.5 ... 35 mm ² 2.5 ... 25 mm ² 2,5 ... 25 mm ²
Type of the connectable conductor cross-section / for supply / for main contacts / by use of either clamping points • unifilar • stranded wire • when using both terminal points • finely stranded • finely stranded		2 x (2.5 ... 25 mm ²) 2 x (2.5 ... 25 mm ²) 2 x (2.5 ... 16 mm ²) 2 x (2.5 ... 16 mm ²)
Type of the connectable conductor cross-section / at AWG-conductors / for supply / for main contacts • by use of the upper clamping point • by use of the lower clamping point • when using both terminal points		12 ... 2 12 ... 2 2 x (16 ... 2)

General Product Approval



EMC

Shipping Approval



other

[Declaration of Conformity](#)

[other](#)

[Environmental Confirmations](#)

Safety:

Protection against electrical shock

finger-safe

Further information:

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

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

Industry Mall (Online ordering system)

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

CAX-Online-Generator

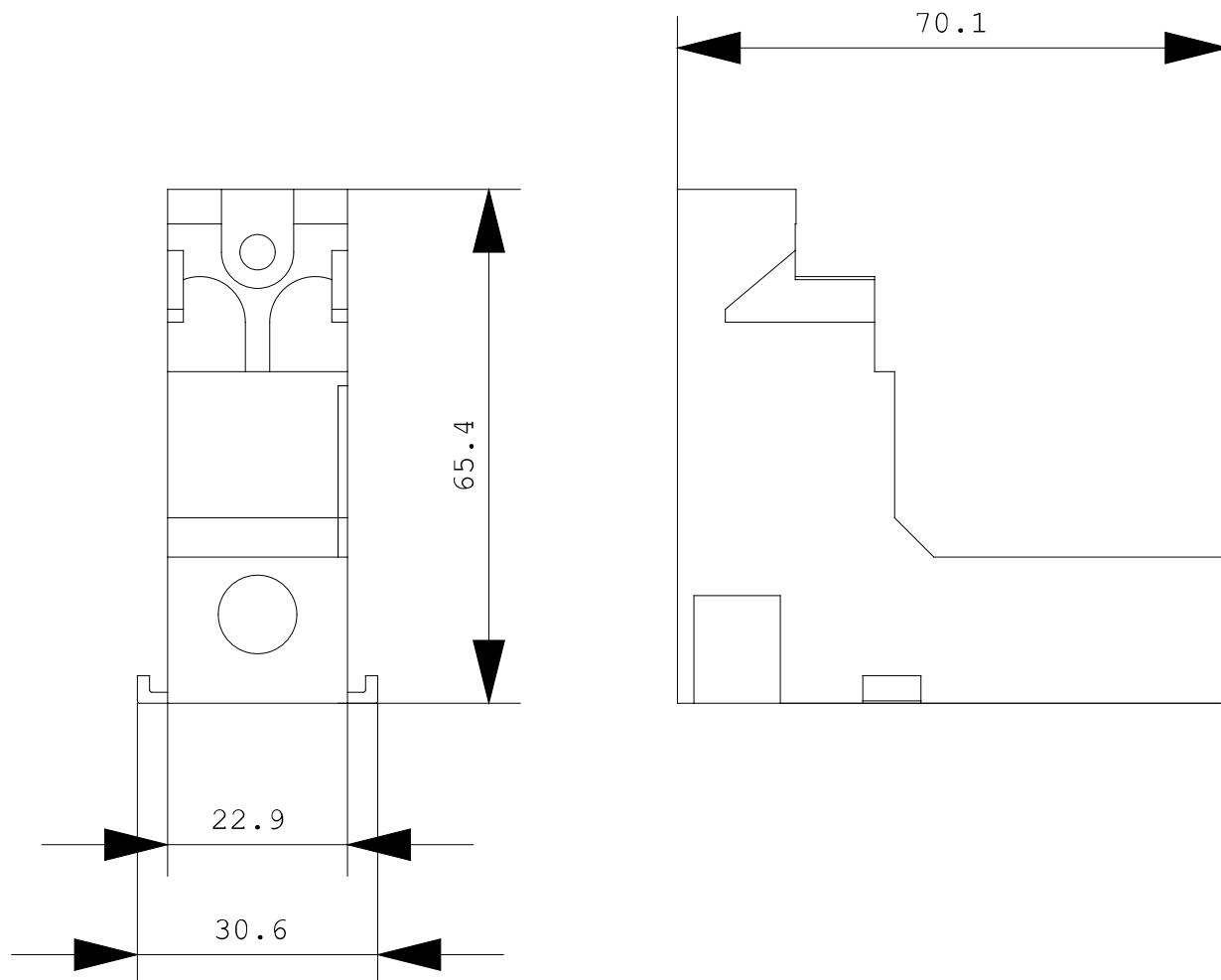
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RA6860-6AB/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA6860-6AB



last change:

Jul 7, 2014