



PE PICK OFF,
CONNECTION MAIN CIRCUIT: SPRING-LOADED
TERMINAL,

General technical data:

product brand name		SIRIUS
Product designation		PE pick-up
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		X
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		X

Main circuit:

Operating current / at 400 V / for AC

- rated value

A

63

Installation/mounting/dimensions:

Mounting type

plug-in fixing

Width

mm

10

Height

mm

60

Depth

mm

35

Connections:

Design of the electrical connection

- for main current circuit

spring-loaded terminals

Wire stripping length / for main contacts

mm

10

Conductor cross-section that can be connected / for main contacts / for motor outgoing line

- unifilar
- stranded wire
- finely stranded
- with conductor end p

mm²

1.5 ... 10

mm²

1.5 ... 10

mm²

1.5 ... 6

Type of the connectable conductor cross-section / for main contacts / for motor outgoing line

- solid
- stranded
- stranded wire
- with conductor end processing
- without conductor final cutting

1.5 ... 10 mm²1.5 ... 10 mm²1.5 ... 6 mm²1.5 ... 6 mm²

Type of the connectable conductor cross-section / for AWG-conductors / for main contacts

- for motor outgoing line

16 ... 10, 1 x 8

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

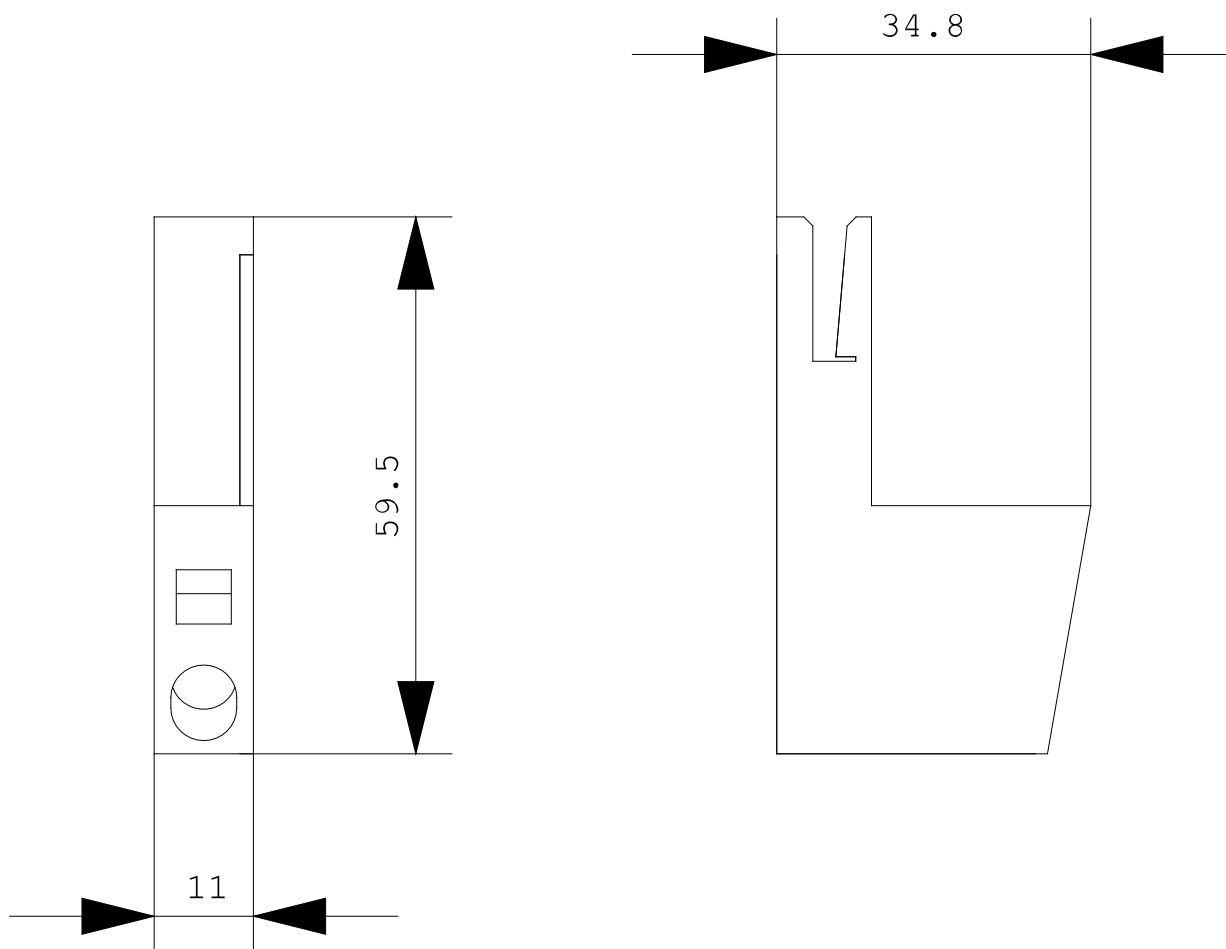
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RA6870-3AC/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA6870-3AC



last change:

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