



INFEED ON LEFT OR RIGHT,
CONNECTION MAIN CIRCUIT: SPRING-LOADED
TERMINAL,
TERMINAL MAX. 25 MM²

General technical data:

product brand name		SIRIUS
Product designation		infeed left or right
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
Operating voltage / at AC-3 / rated value		
• maximum	V	690

Installation/mounting/dimensions:		
Mounting type		screw and snap-on mounting
Width	mm	27
Height	mm	154
Depth	mm	107

Connections:		
Design of the electrical connection		
• for main current circuit		spring-loaded terminals
Wire stripping length / for main contacts	mm	23
Conductor cross-section that can be connected / for supply / for main contacts / using the upper clamping point		
• solid	mm ²	4 ... 35
• stranded	mm ²	4 ... 35
• finely stranded /		
•	mm ²	4 ... 25
•	mm ²	6 ... 25
AWG number / as coded connectable conductor cross section / for supply / for main contacts		
• using both clamping points		10 ... 3
Type of the connectable conductor cross section / for supply / for main contacts / using the upper clamping point		
• unifilar		4 ... 35 mm ²
• stranded wire		4 ... 35 mm ²
• finely stranded/ with conductor end processing		
•		4 ... 25 mm ²
• without conductor end processing		6 ... 25 mm ²
Type of the connectable conductor cross-section / at AWG-conductors / for supply / for main contacts		
• by use of the upper clamping point		10 ... 3

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

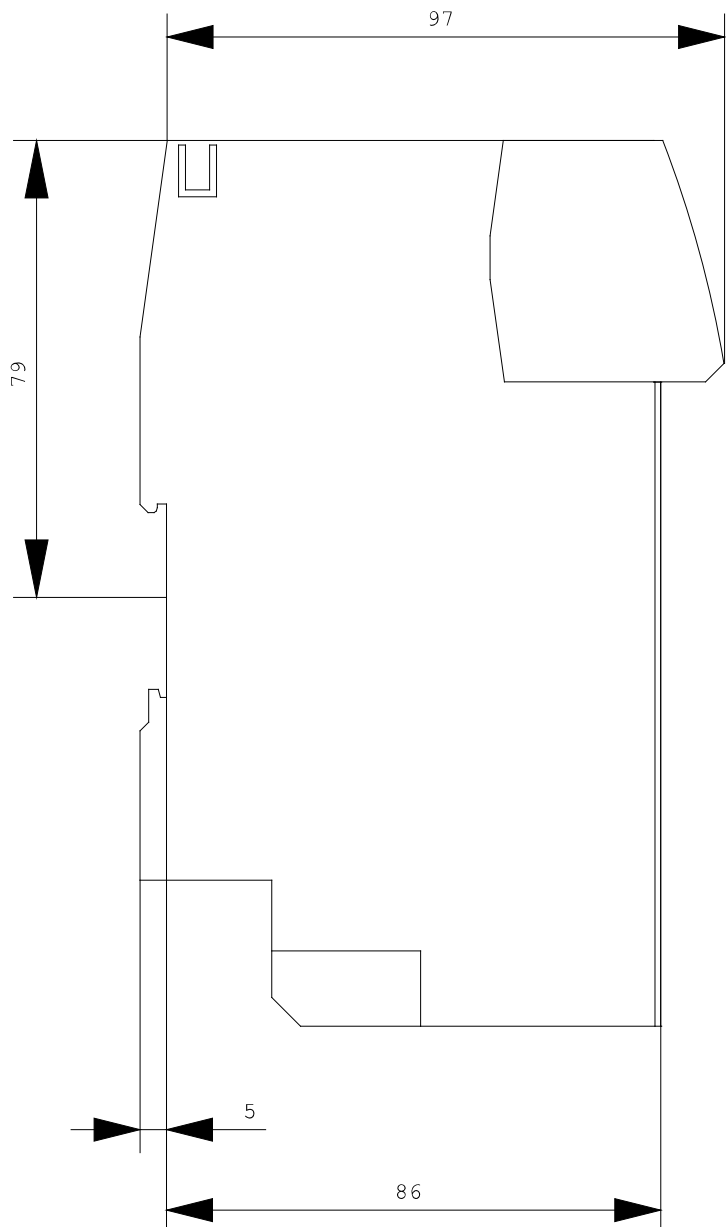
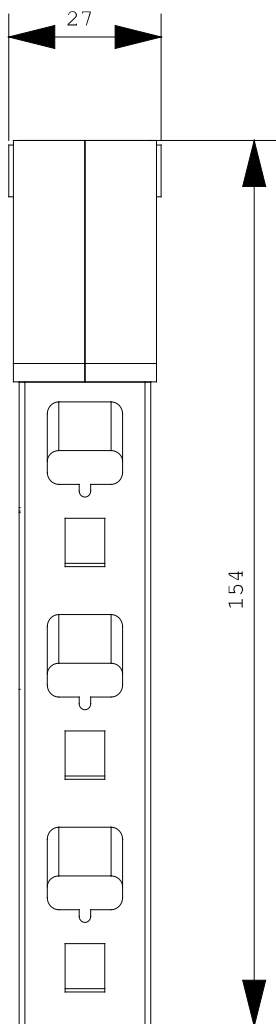
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RA6830-5AC/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA6830-5AC



last change:

Jul 7, 2014