

Infeed left or right Connection main circuit: Spring-type terminal Connection terminal maximum 25 mm<sup>2</sup>,



General technical data		
Product brand name		SIRIUS
Product designation		infeed left or right
Protection class IP		IP20
Degree of pollution		3
Installation altitude at height above sea level maximum	m	2 000
<b>Ambient temperature</b>		
• during transport	°C	-55 ... +80
• during storage	°C	-55 ... +80
• during operation	°C	-20 ... +60
Vibration resistance		f = 4 to 5.8 Hz; d = 15 mm; f = 5.8 to 500 Hz; a = 2 m / s <sup>2</sup> 10 cycles
Shock resistance		Semi-sinusoidal a = 6 m/s <sup>2</sup> at 10 ms; 3 pos. and 3 neg. Shock in all axes
Reference code acc. to DIN EN 61346-2		W
Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		W

Main circuit

Operating current at AC at 400 V rated value	A	63
Operating voltage at AC-3 rated value maximum	V	690

### Installation/ mounting/ dimensions

<b>Mounting type</b>		screw and snap-on mounting
<b>Width</b>	mm	27
<b>Height</b>	mm	154
<b>Depth</b>	mm	107

### Connections/ Terminals

Type of electrical connection for main current circuit		spring-loaded terminals
<b>Wire stripping length for main contacts</b>	mm	23
Connectable conductor cross-section for supply for main contacts using the upper clamping point		
• solid	mm <sup>2</sup>	4 ... 35
• stranded	mm <sup>2</sup>	4 ... 35
• finely stranded with core end processing	mm <sup>2</sup>	4 ... 25
• finely stranded without core end processing	mm <sup>2</sup>	6 ... 25
AWG number as coded connectable conductor cross section for supply for main contacts		
• using the upper clamping point		10 ... 3
Type of connectable conductor cross-sections for supply for main contacts using the upper clamping point		
• solid		4 ... 35 mm <sup>2</sup>
• stranded		4 ... 35 mm <sup>2</sup>
• finely stranded with core end processing		4 ... 25 mm <sup>2</sup>
• finely stranded without core end processing		6 ... 25 mm <sup>2</sup>
Type of connectable conductor cross-sections at AWG conductors for supply for main contacts		
• using the upper clamping point		10 ... 3

### Certificates/ approvals

General Product Approval	EMC	Declaration of Conformity	Test Certificates
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[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

### Shipping Approval



### other

[Confirmation](#)

### Safety related data

Protection against electrical shock	finger-safe
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### Further information

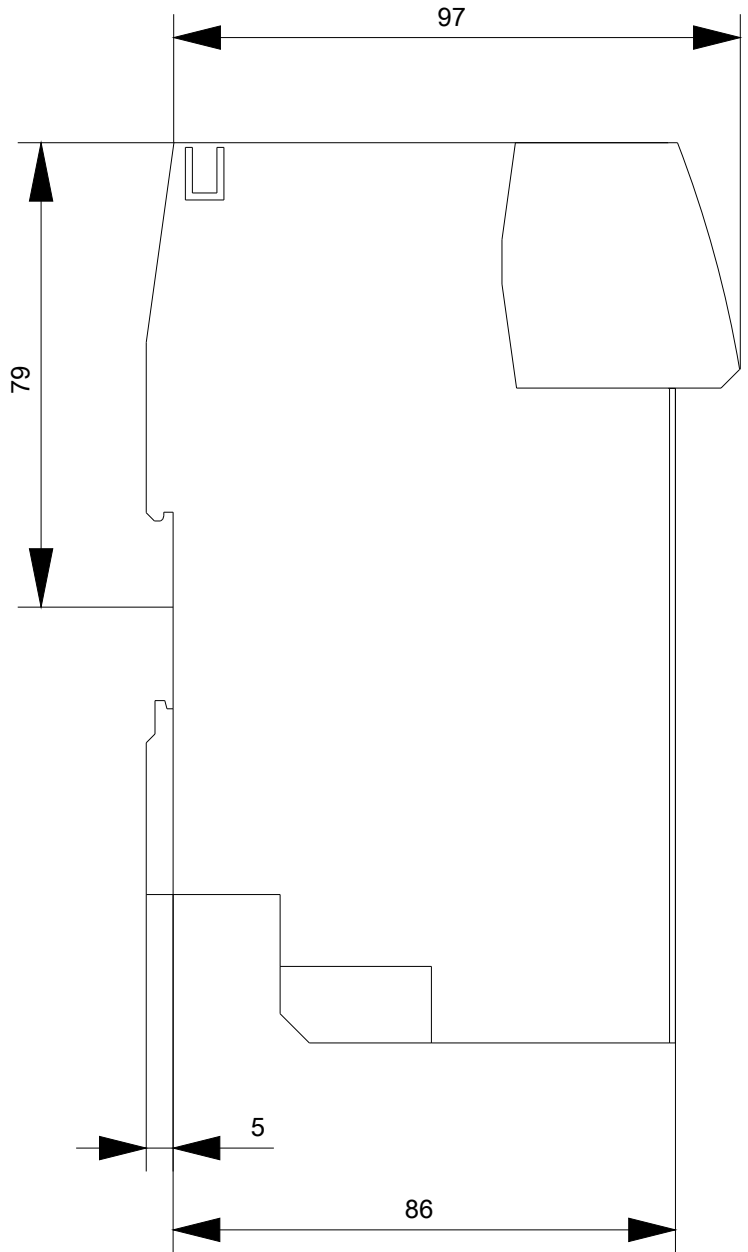
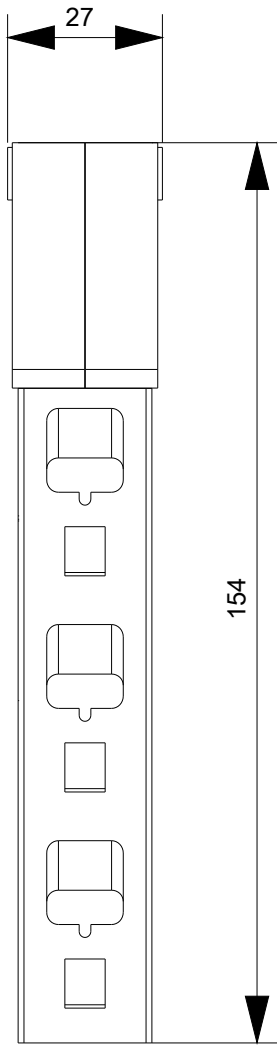
**Information- and Downloadcenter (Catalogs, Brochures,...)**  
<https://www.siemens.com/ic10>

**Industry Mall (Online ordering system)**  
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA6830-5AC>

**Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA6830-5AC>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3RA6830-5AC>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RA6830-5AC&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA6830-5AC&lang=en)



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