

Infeed left Connection main circuit: input: Screw, Outgoing feeder: Spring 3 slots for compact load feeders Connection terminal maximum 25 mm² / 35 mm²

General technical data		
product brand name		SIRIUS
product designation		infeed left
protection class IP on the front according to IEC 60529		IP20; IP20 with box terminal/cover
touch protection on the front according to IEC 60529		Finger-safe, for vertical contact
degree of pollution		3
number of slots for compact feeder		3
installation altitude at height above sea level maximum	m	2 000
ambient temperature		
• 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 ² 10 cycles
shock resistance		Semi-sinusoidal a = 6 m/s ² at 10 ms; 3 pos. and 3 neg. Shock in all axes
reference code		
• according to IEC 81346-2		W
• according to EN 61346-2		W
Main circuit		
operational current at AC at 400 V rated value	A	63
operating voltage at AC-3 rated value maximum	V	690
Installation/ mounting/ dimensions		
fastening method		screw and snap-on mounting
width	mm	180
height	mm	208
depth	mm	144
Connections/ Terminals		
type of electrical connection for main current circuit		spring-loaded terminals
stripped length for main contacts	mm	13
type of connectable conductor cross-sections for supply for main contacts using the upper clamping point		
• solid		2.5 ... 35 mm ²
• stranded		2.5 ... 35 mm ²
• finely stranded with core end processing		2.5 ... 25 mm ²
• finely stranded without core end processing		2.5 ... 25 mm ²
type of connectable conductor cross-sections for supply for main contacts using the lower clamping point		
• solid		2.5 ... 35 mm ²
• stranded		2.5 ... 35 mm ²
• finely stranded with core end processing		2.5 ... 25 mm ²

<ul style="list-style-type: none"> finely stranded without core end processing 		2,5 ... 25 mm ²
type of connectable conductor cross-sections for supply for main contacts using both clamping points <ul style="list-style-type: none"> solid stranded finely stranded with core end processing finely stranded without core end processing 		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 connectable conductor cross-sections for AWG cables <ul style="list-style-type: none"> for supply for main contacts using the upper clamping point for supply for main contacts using the lower clamping point for supply for main contacts using both clamping points for main contacts for load-side outgoing feeder 		12 ... 2 12 ... 2 2 x (16 ... 2) 2 x (16 ... 10), 1 x (16 ... 8)

Certificates/ approvals

General Product Approval	EMV	Test Certificates
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[Type Test Certificates/Test Report](#)

Maritime application	other	Environment
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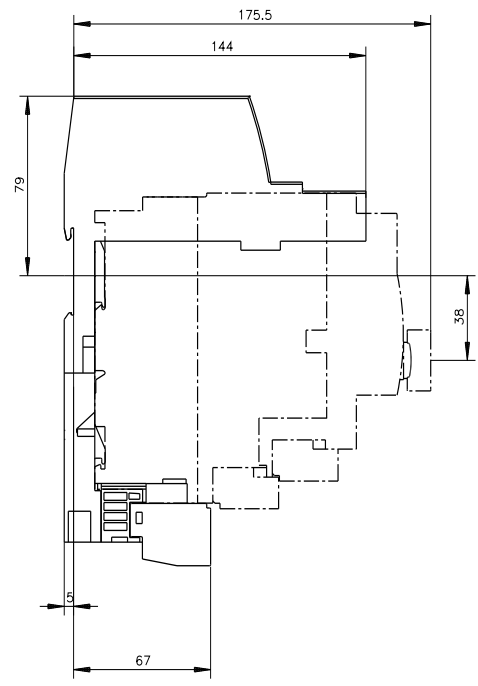
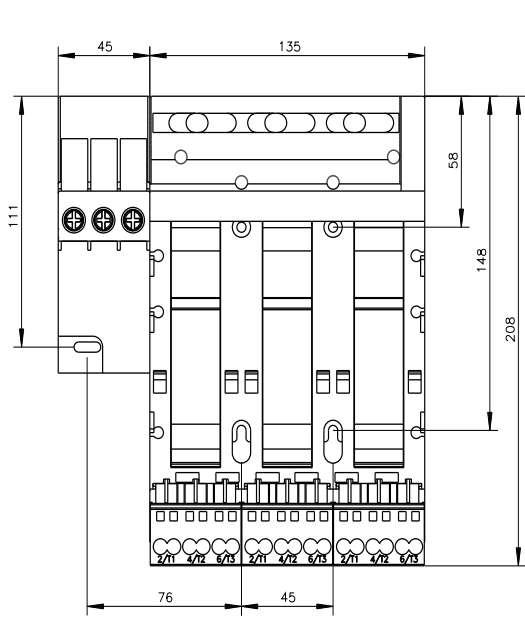


[Confirmation](#)

[Environmental Confirmations](#)

Further information

- Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
- Information for data generation and storage
<https://support.industry.siemens.com/cs/ww/en/view/109995012>
- 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=3RA6812-8AC>
- Cax online generator
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA6812-8AC>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RA6812-8AC>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA6812-8AC&lang=en



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