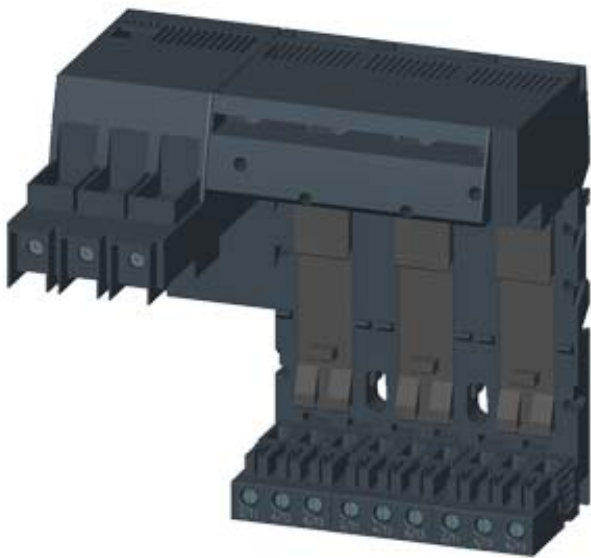




INFEED ON THE LEFT CONNECTION MAIN CIRCUIT:
SCREW TERMINAL,
3 SLOTS FOR COMPACT LOAD FEEDERS TERMINAL
MAX. 50 MM2 / 70 MM2

General technical data:		
product brand name		SIRIUS
Product designation		infeed left
Protection class IP		IP20
Degree of pollution		3
Number of slots		
• for compact feeder		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 / s2 10 cycles
Resistance against shock		Semi-sinusoidal a = 6 m/s2 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	100
Operating voltage / at AC-3 / rated value • maximum	V	690
Installation/mounting/dimensions:		
Mounting type		screw and snap-on mounting
Width	mm	205
Height	mm	197
Depth	mm	155
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	17
Tightening torque / for main contacts • with screw-type terminals	N·m	6 ... 8
Conductor cross-section that can be connected / for supply / for main contacts / using the upper clamping point • solid • stranded • finely stranded / • •	mm ² mm ² mm ² mm ²	2.5 ... 70 2.5 ... 70 2.5 ... 35 4 ... 50
Conductor cross section that can be connected / for supply / for main contacts / using the lower clamping point • solid • stranded • finely stranded / • •	mm ² mm ² mm ² mm ²	2.5 ... 70 2.5 ... 70 2.5 ... 50 10 ... 50
Conductor cross section that can be connected / for supply / for main contacts / using both clamping points • solid • stranded • finely stranded • with • with	mm ² mm ² mm ² mm ² mm ²	2 ... 50 2 ... 50 2 ... 35 2 ... 35

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		10 ... 0 10 ... 0 10 ... 0
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 ... 70 mm ² 2.5 ... 70 mm ² 2.5 ... 35 mm ² 4 ... 50 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 ... 70 mm ² 2.5 ... 70 mm ² 2.5 ... 50 mm ² 10 ... 50 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 ... 50 mm ²) 2 x (2.5 ... 50 mm ²) 2 x (2.5 ... 35 mm ²) 2 x (4 ... 35 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		10 ... 2/0 10 ... 2/0 2 x (10 ... 1/0)
Conductor cross-section that can be connected / for main contacts / for motor outgoing line • unifilar • stranded wire • finely stranded • with conductor end p	mm ² mm ² mm ²	1.5 ... 10 1.5 ... 10 1.5 ... 6
AWG number / as coded connectable conductor cross section / for main contacts • for motor outgoing line		14 ... 8
Type of the connectable conductor cross-section / for main contacts / for motor outgoing line		

• solid • stranded • stranded wire • with conductor end processing	2x (1.5 ... 6 mm ²), 1x (1.5 ... 10 mm ²) 2x (1.5 ... 6 mm ²), 1x (1.5 ... 10 mm ²) 2 x (1.5 ... 6) mm ²
Type of the connectable conductor cross-section / for AWG-conductors / for main contacts • for motor outgoing line	2 x (16 ... 10), 1 x (16 ... 8)

General Product Approval



EMC

Shipping Approval



LRS



PRS



RINA



RMRS

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

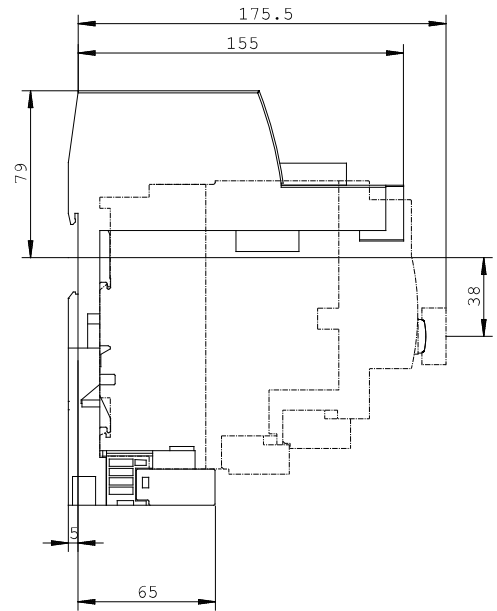
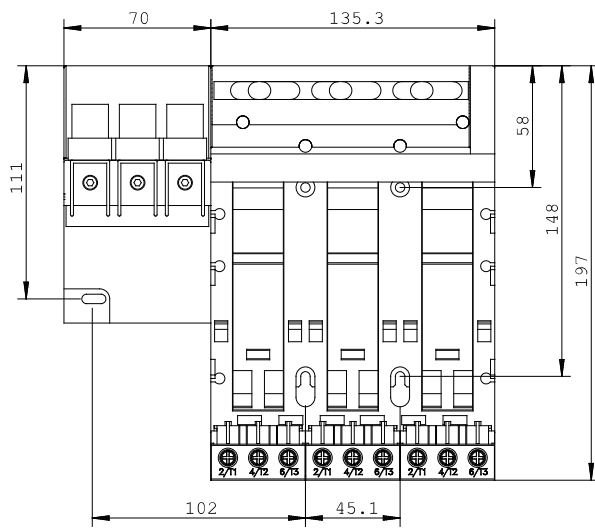
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RA6813-8AB/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA6813-8AB



last change:

Jul 7, 2014