

INFEED ON THE LEFT,
CONNECTION MAIN CIRCUIT: SCREW TERMINAL,
3 SLOTS FOR COMPACT LOAD FEEDERS TERMINAL
MAX. 25 MM² / 35 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
Item designation		
• according to DIN EN 61346-2		W
• according to DIN 40719 extendable after 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:		
Type of mounting		screw and snap-on mounting
Width	mm	180
Height	mm	197
Depth	mm	144
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	13
Tightening torque / for main contacts		
• with screw-type terminals	N·m	3 ... 4.5
Conductor cross-section that can be connected / for supply / for main contacts / using the upper clamping point		
• solid	mm ²	2.5 ... 35
• stranded	mm ²	2.5 ... 35
• finely stranded / without conductor end processing		
• minimum	mm ²	2.5 ... 25
• minimum	mm ²	2.5 ... 25
Conductor cross section that can be connected / for supply / for main contacts / using the lower clamping point		
• solid	mm ²	2.5 ... 35
• stranded	mm ²	2.5 ... 35
• finely stranded / with conductor end processing		
• minimum	mm ²	2.5 ... 25
• minimum	mm ²	2.5 ... 25
Conductor cross section that can be connected / for supply / for main contacts / using both clamping points		
• solid	mm ²	2 ... 25
• stranded	mm ²	2 ... 25
• finely stranded		
• with conductor end processing	mm ²	2 ... 16
• with out conductor end processing	mm ²	2 ... 16

AWG number / as coded connectable conductor cross section / for supply / for main contacts <ul style="list-style-type: none"> • using both clamping points • using both clamping points • using both clamping points 		12 ... 2 12 ... 2 16 ... 2
Type of the connectable conductor cross section / for supply / for main contacts / using the upper clamping point <ul style="list-style-type: none"> • unifilar • stranded wire • finely stranded/ with conductor end processing <ul style="list-style-type: none"> • without conductor end processing 		2.5 ... 35 mm ² 2.5 ... 35 mm ² 2.5 ... 25 mm ² 2.5 ... 25 mm ²
Type of the connectable conductor cross-section / for supply / for main contacts / using the lower clamping point <ul style="list-style-type: none"> • unifilar • stranded wire • finely stranded/ with conductor end processing <ul style="list-style-type: none"> • without conductor end processing 		2.5 ... 35 mm ² 2.5 ... 35 mm ² 2.5 ... 25 mm ² 2,5 ... 25 mm ²
Type of the connectable conductor cross-section / for supply / for main contacts / by use of either clamping points <ul style="list-style-type: none"> • unifilar • stranded wire • without conductor final cutting <ul style="list-style-type: none"> • without conductor 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 the connectable conductor cross-section / at AWG-conductors / for supply / for main contacts <ul style="list-style-type: none"> • by use of the upper clamping point • by use of the lower clamping point • when using both clamping points 		12 ... 2 12 ... 2 2 x (16 ... 2)
Conductor cross-section that can be connected / for main contacts / for motor outgoing line <ul style="list-style-type: none"> • unifilar • stranded wire • finely stranded <ul style="list-style-type: none"> • with conductor end processing 	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 <ul style="list-style-type: none"> • for motor outgoing line 		14 ... 8
Type of the connectable conductor cross-section / for main contacts / for motor outgoing line		

<ul style="list-style-type: none"> • solid • stranded • stranded wire <ul style="list-style-type: none"> • with conductor end processing 	2x (1.5 ... 6 mm²), 1x (1.5 ... 10 mm²) 2x (1.5 ... 6 mm²), 1x (1.5 ... 10 mm²) 2 x (1.5 ... 6) mm²
Type of the connectable conductor cross-section / for AWG-conductors / for main contacts <ul style="list-style-type: none"> • for motor outgoing line 	2 x (16 ... 10), 1 x (16 ... 8)

General Product Approval



[ROSTEST](#)



Shipping Approval

other



[Manufacturer](#)

[other](#)

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

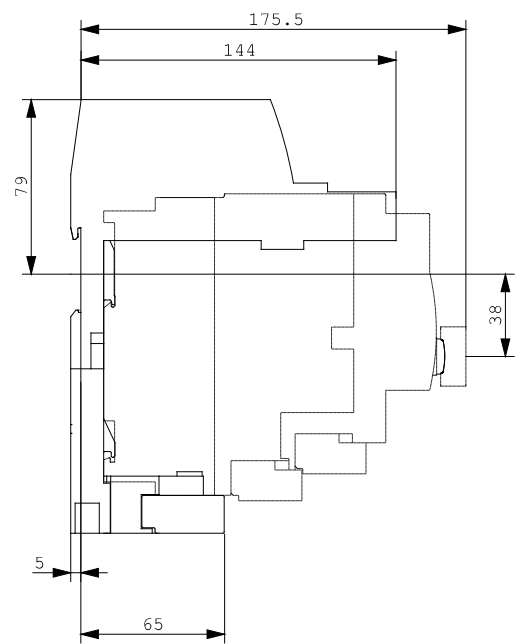
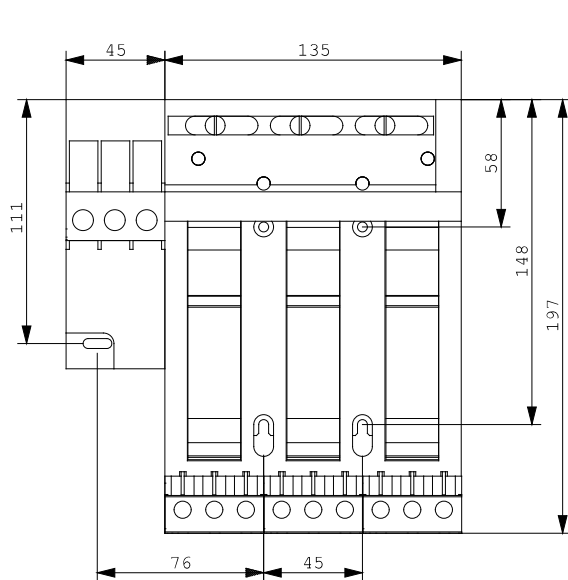
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RA6812-8AB/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA6812-8AB



last change:

Oct 24, 2011