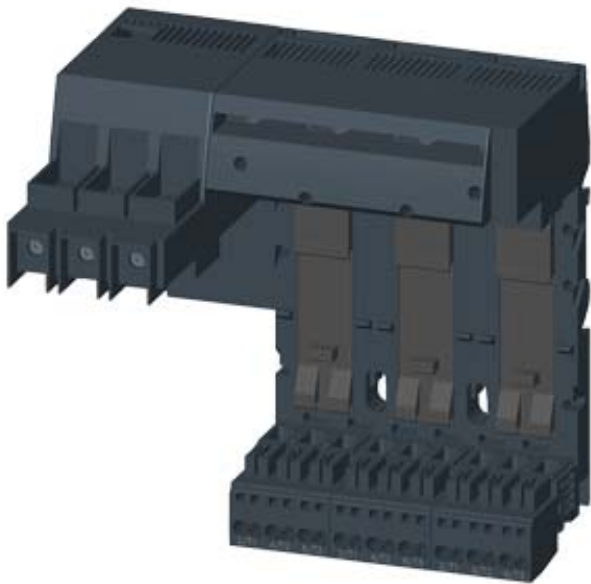




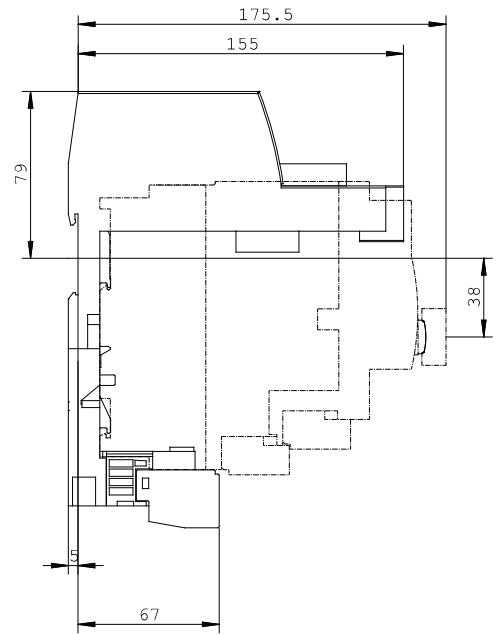
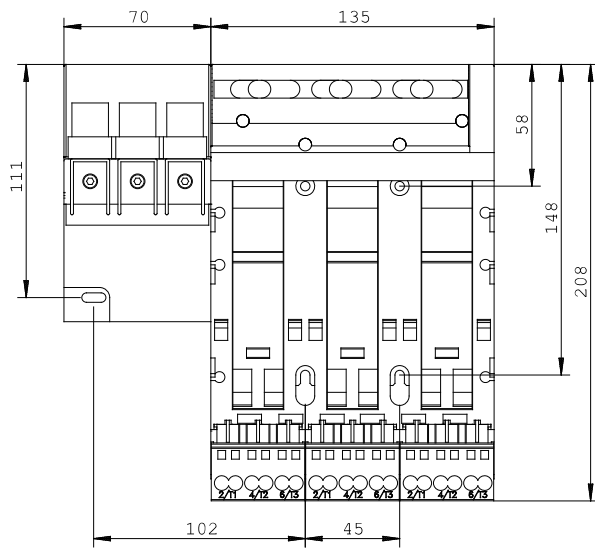
FEEDER LEFH -HAND SIDE CONNECTION MAIN
CIRCUIT: INPUT: SCREW,
OUTPUT: SPRING 3 SLOT FOR COMPACT LOAD
FEEDER TERMINAL MAX. 50 MM2 / 70 MM2

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	208
Depth	mm	155
Connections:		
Design of the electrical connection for main current circuit		spring-loaded terminals
Wire stripping length / for main contacts	mm	17
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	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 • without conductor fi	mm ² mm ² mm ² mm ²	1.5 ... 10 1.5 ... 10 1.5 ... 6 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

• without conductor final cutting	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	
     	
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/3RA6813-8AC/all	
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA6813-8AC	



last change:

Jul 7, 2014