

FEEDER LEFH -HAND SIDE,  
 CONNECTION MAIN CIRCUIT: INPUT: SCREW,  
 OUTPUT: SPRING 3 SLOT FOR COMPACT LOAD  
 FEEDER TERMINAL MAX. 25 MM2 / 35 MM2

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

Main circuit:		
<b>Operating current / at 400 V / for AC</b> • rated value	A	63
<b>Operating voltage / at AC-3 / rated value</b> • maximum	V	690
Installation/mounting/dimensions:		
<b>Mounting type</b>		screw and snap-on mounting
<b>Width</b>	mm	180
<b>Height</b>	mm	208
<b>Depth</b>	mm	144
Connections:		
<b>Design of the electrical connection</b> • for main current circuit		spring-loaded terminals
<b>Wire stripping length / for main contacts</b>	mm	13
<b>Conductor cross-section that can be connected / for supply / for main contacts / using the upper clamping point</b> • solid • stranded • finely stranded / • •	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	2.5 ... 35 2.5 ... 35 2.5 ... 25 2.5 ... 25
<b>Conductor cross section that can be connected / for supply / for main contacts / using the lower clamping point</b> • solid • stranded • finely stranded / • •	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	2.5 ... 35 2.5 ... 35 2.5 ... 25 2.5 ... 25
<b>Conductor cross section that can be connected / for supply / for main contacts / using both clamping points</b> • solid • stranded • finely stranded • with • with	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	2 ... 25 2 ... 25 2 ... 16 2 ... 16
<b>AWG number / as coded connectable conductor cross section / for supply / for main contacts</b> • using both clamping points • using both clamping points • using both clamping points		12 ... 2 12 ... 2 16 ... 2

<p><b>Type of the connectable conductor cross section / for supply / for main contacts / using the upper clamping point</b></p> <ul style="list-style-type: none"> <li>• unifilar</li> <li>• stranded wire</li> <li>• finely stranded/ with conductor end processing <ul style="list-style-type: none"> <li>•</li> <li>• without conductor end processing</li> </ul> </li> </ul>		<p>2.5 ... 35 mm<sup>2</sup></p> <p>2.5 ... 35 mm<sup>2</sup></p> <p>2.5 ... 25 mm<sup>2</sup></p> <p>2.5 ... 25 mm<sup>2</sup></p>
<p><b>Type of the connectable conductor cross-section / for supply / for main contacts / using the lower clamping point</b></p> <ul style="list-style-type: none"> <li>• unifilar</li> <li>• stranded wire</li> <li>• finely stranded/ with conductor end processing <ul style="list-style-type: none"> <li>•</li> <li>• without conductor end processing</li> </ul> </li> </ul>		<p>2.5 ... 35 mm<sup>2</sup></p> <p>2.5 ... 35 mm<sup>2</sup></p> <p>2.5 ... 25 mm<sup>2</sup></p> <p>2,5 ... 25 mm<sup>2</sup></p>
<p><b>Type of the connectable conductor cross-section / for supply / for main contacts / by use of either clamping points</b></p> <ul style="list-style-type: none"> <li>• unifilar</li> <li>• stranded wire</li> <li>• when using both terminal points <ul style="list-style-type: none"> <li>• finely stranded</li> <li>• finely stranded</li> </ul> </li> </ul>		<p>2 x (2.5 ... 25 mm<sup>2</sup>)</p> <p>2 x (2.5 ... 25 mm<sup>2</sup>)</p> <p>2 x (2.5 ... 16 mm<sup>2</sup>)</p> <p>2 x (2.5 ... 16 mm<sup>2</sup>)</p>
<p><b>Type of the connectable conductor cross-section / at AWG-conductors / for supply / for main contacts</b></p> <ul style="list-style-type: none"> <li>• by use of the upper clamping point</li> <li>• by use of the lower clamping point</li> <li>• when using both terminal points</li> </ul>		<p>12 ... 2</p> <p>12 ... 2</p> <p>2 x (16 ... 2)</p>
<p><b>Conductor cross-section that can be connected / for main contacts / for motor outgoing line</b></p> <ul style="list-style-type: none"> <li>• unifilar</li> <li>• stranded wire</li> <li>• finely stranded <ul style="list-style-type: none"> <li>• with conductor end p</li> <li>• without conductor fi</li> </ul> </li> </ul>	<p>mm<sup>2</sup></p> <p>mm<sup>2</sup></p> <p>mm<sup>2</sup></p> <p>mm<sup>2</sup></p>	<p>1.5 ... 10</p> <p>1.5 ... 10</p> <p>1.5 ... 6</p> <p>1.5 ... 6</p>
<p><b>AWG number / as coded connectable conductor cross section / for main contacts</b></p> <ul style="list-style-type: none"> <li>• for motor outgoing line</li> </ul>		<p>14 ... 8</p>
<p><b>Type of the connectable conductor cross-section / for main contacts / for motor outgoing line</b></p> <ul style="list-style-type: none"> <li>• solid</li> <li>• stranded</li> <li>• stranded wire <ul style="list-style-type: none"> <li>• with conductor end processing</li> </ul> </li> </ul>		<p>2x (1.5 ... 6 mm<sup>2</sup>), 1x (1.5 ... 10 mm<sup>2</sup>)</p> <p>2x (1.5 ... 6 mm<sup>2</sup>), 1x (1.5 ... 10 mm<sup>2</sup>)</p> <p>2 x (1.5 ... 6) mm<sup>2</sup></p>

• without conductor final cutting

2 x (1.5 ... 6) mm<sup>2</sup>

**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**

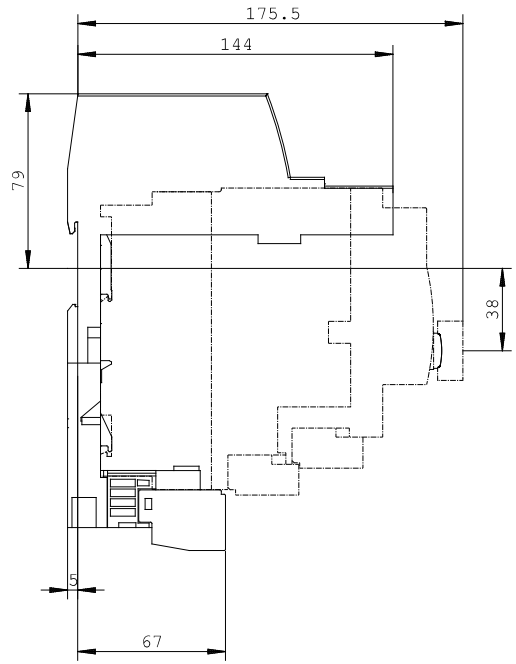
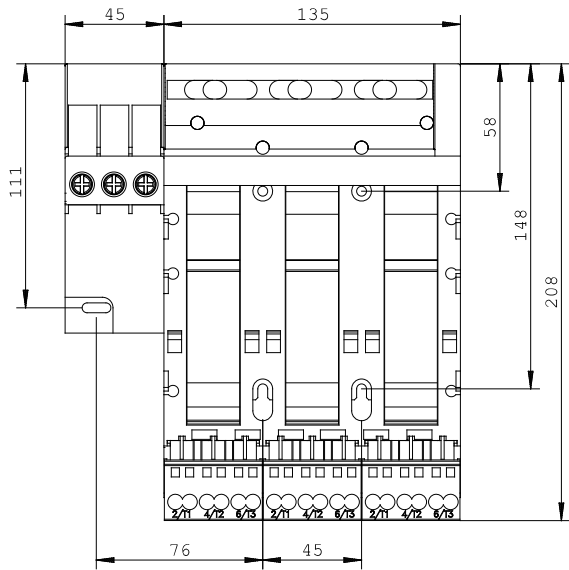
<http://www.siemens.com/cax>

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

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

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RA6812-8AC](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA6812-8AC)



last change:

Jul 7, 2014