

EXTENSION BLOCK 3FOLD, CONNECTION MAIN  
CIRCUIT: SCREW TERMINAL, 3 SLOTS FOR  
COMPACT LOAD FEEDERS

### General technical data:

<b>product brand name</b>		SIRIUS
<b>Product designation</b>		3-expansion block
<b>Protection class IP</b>		IP20
<b>Degree of pollution</b>		3
<b>Number of slots for compact feeder</b>		3
<b>Installation altitude at height above sea level maximum</b>	m	2 000
<b>Ambient temperature</b>		
• during transport	°C	-55 ... +80
• during storage	°C	-55 ... +80
• during operation	°C	-20 ... +60
<b>Vibration resistance</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>Shock resistance</b>		Semi-sinusoidal a = 6 m/s <sup>2</sup> at 10 ms; 3 pos. and 3 neg. Shock in all axes
<b>Equipment marking acc. to DIN EN 61346-2</b>		K
<b>Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</b>		K

### Main circuit:

<b>Operating current with AC at 400 V Rated value</b>	A	63
<b>Operating voltage at AC-3 Rated value maximum</b>	V	690

### Installation/ mounting/ dimensions:

<b>Mounting type</b>		screw and snap-on mounting
<b>Width</b>	mm	135

<b>Height</b>	mm	197
<b>Depth</b>	mm	100

**Connections/ Terminals:**

Type of electrical connection for main current circuit		screw-type terminals
Design of screw-type connection for main contacts		M3
<b>Wire stripping length for main contacts</b>	mm	10
Tightening torque for main contacts with screw-type terminals	N·m	2 ... 2.5
Connectable conductor cross-section for main contacts for load-side outgoing feeder		
• solid	mm <sup>2</sup>	1.5 ... 10
• stranded	mm <sup>2</sup>	1.5 ... 10
• finely stranded with core end processing	mm <sup>2</sup>	1.5 ... 6
AWG number as coded connectable conductor cross section for main contacts for load-side outgoing feeder		14 ... 8
Type of connectable conductor cross-section for main contacts for load-side outgoing feeder		
• solid		2x (1.5 ... 6 mm <sup>2</sup> ), 1x (1.5 ... 10 mm <sup>2</sup> )
• stranded		2x (1.5 ... 6 mm <sup>2</sup> ), 1x (1.5 ... 10 mm <sup>2</sup> )
• finely stranded with core end processing		2 x (1.5 ... 6) mm <sup>2</sup>
Type of connectable conductor cross-section for AWG conductors for main contacts for load-side outgoing feeder		2 x (16 ... 10), 1 x (16 ... 8)

**Certificates/ approvals:**

General Product Approval	EMC	Shipping Approval
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Shipping Approval	other
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[Declaration of Conformity](#)

[Environmental Confirmations](#)

other
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[other](#)

Safety related data:
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Protection against electrical shock	finger-safe
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Further information
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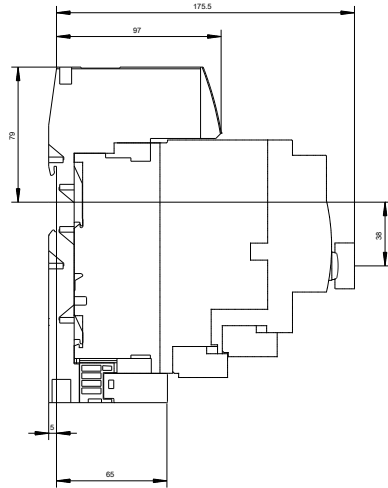
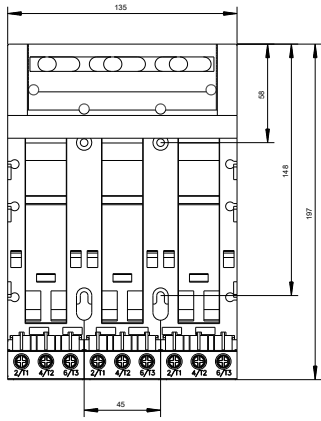
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<http://www.siemens.com/industrial-controls/catalogs>

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**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RA68230AB&lang=en>



last modified:

09.03.2015