

DOUBLE EXTENSION BLOCK, CONNECTION MAIN
CIRCUIT: SCREW TERMINAL, 2 SLOTS FOR
COMPACT LOAD FEEDERS

General technical data:

product brand name		SIRIUS
Product designation		2-expansion block
Protection class IP		IP20
Degree of pollution		3
Number of slots for compact feeder		2
Installation altitude at height above sea level maximum	m	2 000
Ambient temperature		
• during transport	°C	-55 ... +80
• during storage	°C	-55 ... +80
• during operation	°C	-20 ... +60
Vibration resistance		f = 4 to 5.8 Hz; d = 15 mm; f = 5.8 to 500 Hz; a = 2 m / s ² 10 cycles
Shock resistance		Semi-sinusoidal a = 6 m/s ² at 10 ms; 3 pos. and 3 neg. Shock in all axes
Equipment marking acc. to DIN EN 61346-2		K
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		K

Main circuit:

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

Installation/ mounting/ dimensions:

Mounting type		screw and snap-on mounting
Width	mm	90

Height	mm	197
Depth	mm	100

Connections/ Terminals:

Type of 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	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 ²	1.5 ... 10
• stranded	mm ²	1.5 ... 10
• finely stranded with core end processing	mm ²	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 ²), 1x (1.5 ... 10 mm ²)
• stranded		2x (1.5 ... 6 mm ²), 1x (1.5 ... 10 mm ²)
• finely stranded with core end processing		2 x (1.5 ... 6) mm ²
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	
 CSA	 UL		 C-TICK	 BUREAU VERITAS	 DNV

Shipping Approval				other	
 LRS	 PRS	 RINA	 RMRS	Declaration of Conformity	Environmental Confirmations

other
other

Safety related data:

Protection against electrical shock	finger-safe
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Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

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

Cax online generator

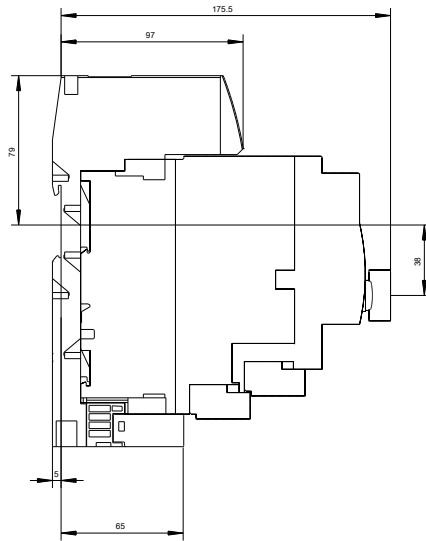
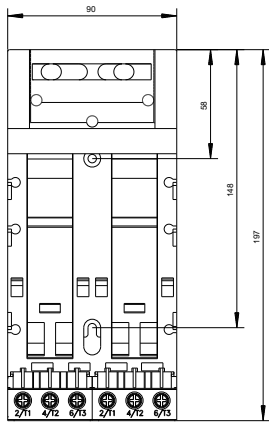
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA68220AB>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA68220AB>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA68220AB&lang=en



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