

Twin 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 on the front according to IEC 60529		IP20; IP20 with box terminal/cover	
touch protection on the front according to IEC 60529		Finger-safe, for vertical contact	
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	
reference code			
• according to IEC 81346-2		K	
• according to EN 61346-2		K	
Main circuit			
operational current at AC at 400 V rated value	A	63	
operating voltage at AC-3 rated value maximum	V	690	
Installation/ mounting/ dimensions			
fastening method		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	
stripped length for main contacts	mm	10	
tightening torque for main contacts with screw-type terminals	N·m	2 ... 2.5	
type of connectable conductor cross-sections for AWG cables			
• for main contacts for load-side outgoing feeder		2 x (16 ... 10), 1 x (16 ... 8)	
Certificates/ approvals			
General Product Approval	EMC	Declaration of Conformity	Test Certificates

Confirmation



[Type Test Certificates/Test Report](#)

Marine / Shipping

other



[Confirmation](#)

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA6822-0AB>

Cax online generator

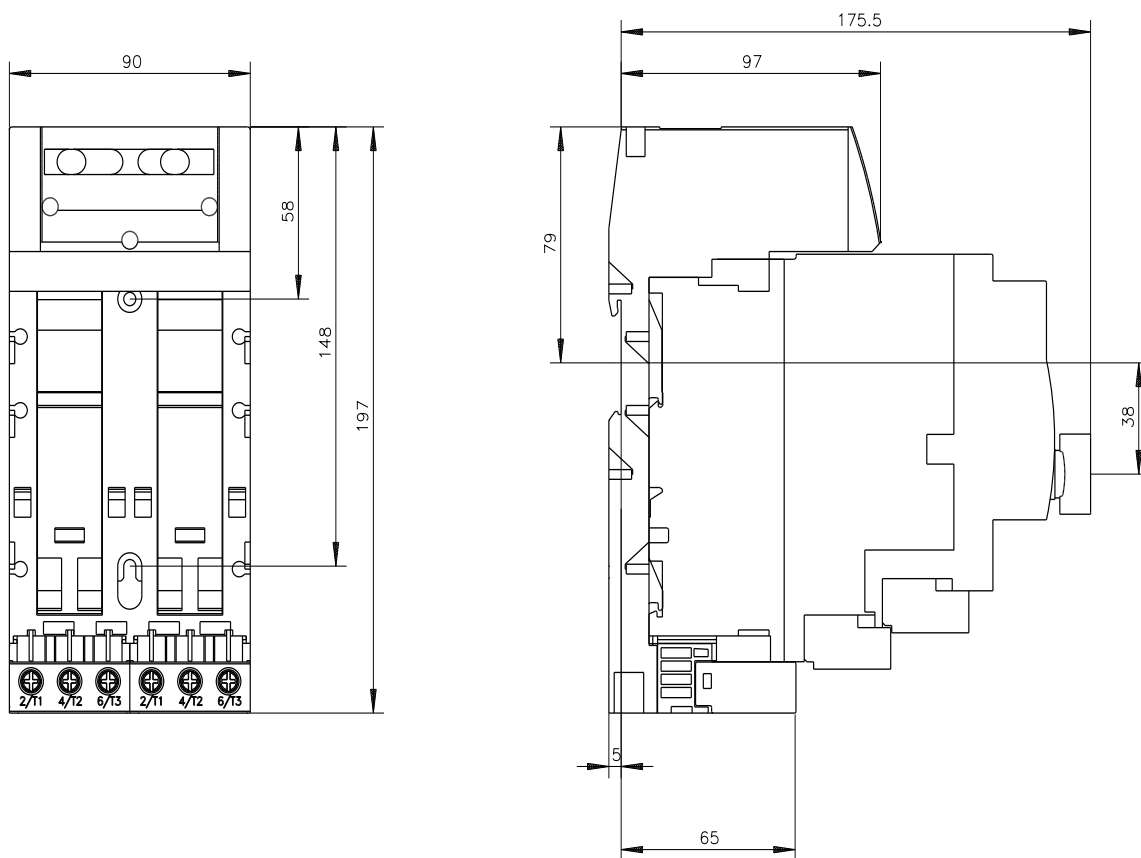
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA6822-0AB>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA6822-0AB>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA6822-0AB&lang=en



last modified:

12/15/2020