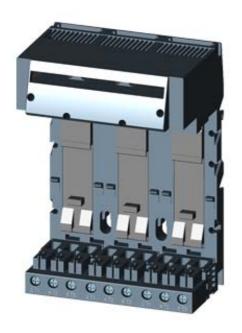# SIEMENS

Product data sheet **3RA6823-0AB**

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

General technical data:		
Product brand name		SIRIUS
product designation		3-expansion block
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
Item designation		
• according to DIN EN 61346-2		K
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		K

Main circuit:		
Operating current / at 400 V / for AC		
• rated value	A	63

Operating voltage / at AC-3 / rated value		
• maximum	V	690

Installation/mounting/dimensions:

Type of mounting		screw and snap-on mounting
Width	mm	135
Height	mm	197
Depth	mm	100

Connections:

Design of the 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
Conductor cross-section that can be connected / for main contacts / for motor outgoing line		
• unifilar	mm²	1.5 … 10
• stranded wire	mm²	1.5 … 10
• finely stranded		
• with conductor end p rocessing	mm²	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		2x (1.5 ... 6 mm²), 1x (1.5 ... 10 mm²)
• stranded		2x (1.5 ... 6 mm²), 1x (1.5 ... 10 mm²)
• stranded wire		
• with conductor end processing		2 x (1.5 ... 6) mm²
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

CSA

ROSTEST

UL

Shipping Approval

BUREAU VERITAS

DNV

PRS

RINA

other

Manufacturer   other

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
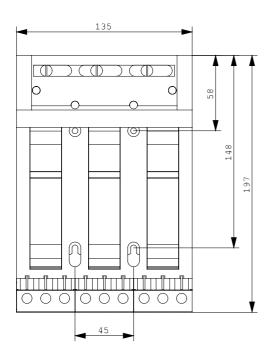
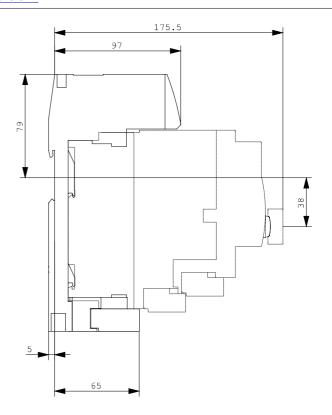**CAx-Online-Generator**
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3RA6823-0AB/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA6823-0AB

last change: Oct 24, 2011