SIEMENS

Data sheet 3RA6830-5AC

INFEED ON LEFT OR RIGHT, CONNECTION MAIN CIRCUIT: SPRING-LOADED TERMINAL, TERMINAL MAX. 25 MM2

General technical data:		
product brand name		SIRIUS
Product designation		infeed left or right
Protection class IP		IP20
Degree of pollution		3
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 / s2 10 cycles
Shock resistance		Semi-sinusoidal a = 6 m/s2 at 10 ms; 3 pos. and 3 neg. Shock in all axes
Equipment marking acc. to DIN EN 61346-2		W
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		W

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	27
Height	mm	154

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Depth	mm	107

Connections/ Terminals:

Type of electrical connection for main current circuit		spring-loaded terminals
Wire stripping length for main contacts	mm	23
Connectable conductor cross-section for supply for main contacts using the upper clamping point		
• solid	mm²	4 ... 35
• stranded	mm²	4 ... 35
• finely stranded with core end processing	mm²	4 ... 25
• finely stranded without core end processing	mm²	6 ... 25
AWG number as coded connectable conductor cross section for supply for main contacts		
• using the upper clamping point		10 ... 3
Type of connectable conductor cross-section for supply for main contacts using the upper clamping point		
• solid		4 ... 35 mm²
• stranded		4 ... 35 mm²
• finely stranded with core end processing		4 ... 25 mm²
• finely stranded without core end processing		6 ... 25 mm²
Type of connectable conductor cross-section for AWG conductors for supply for main contacts		
• using the upper clamping point		10 ... 3

Certificates/ approvals:

General Product Approval		EMC	Shipping Approval		
UL		C-TICK	BUREAU VERITAS	DNV	LRS

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

Safety related data:

Protection against electrical shock		finger-safe

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

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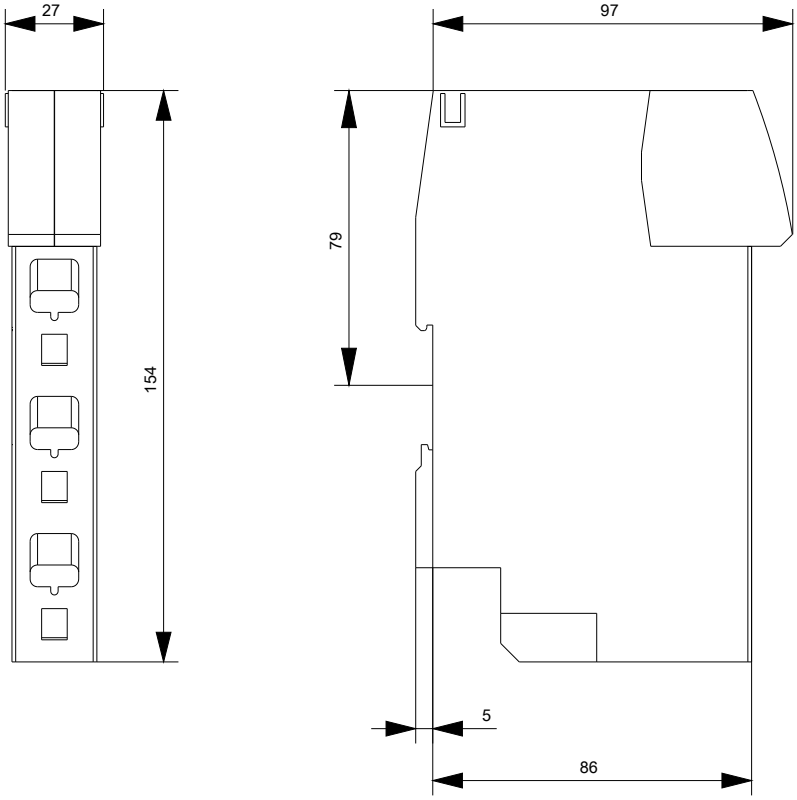
Industry Mall (Online ordering system)
http://www.siemens.com/industrymall

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA68305AC

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RA68305AC

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA68305AC&lang=en



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