SIEMENS

Data sheet 3RA6830-5AC



Infeed left or right Connection main circuit: Spring-type terminal Connection terminal maximum 25 mm2,

General technical data		
product brand name		SIRIUS
product designation		infeed left or right
protection class IP on the front acc. to IEC 60529		IP20
touch protection on the front acc. to IEC 60529		Finger-safe, for vertical contact
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
reference code		
● acc. to IEC 81346-2		W
● acc. to DIN EN 61346-2		W
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	27
height	mm	154
depth	mm	107
Connections/ Terminals		
type of electrical connection for main current circuit		spring-loaded terminals
stripped length for main contacts	mm	23
type of connectable conductor cross-sections 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-sections at AWG cables		

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● for supply for main contacts using the upper clamping point		10 ... 3

Certificates/ approvals

General Product Approval	EMC	Declaration of Conformity	Test Certificates
UL, EAC, RCM, CE EG-Konf.		Miscellaneous	Type Test Certificates/Test Report

Shipping Approval

ABS, BUREAU VERITAS, Lloyd's Register LRS, PRS, RINA, RMRS

other

Confirmation

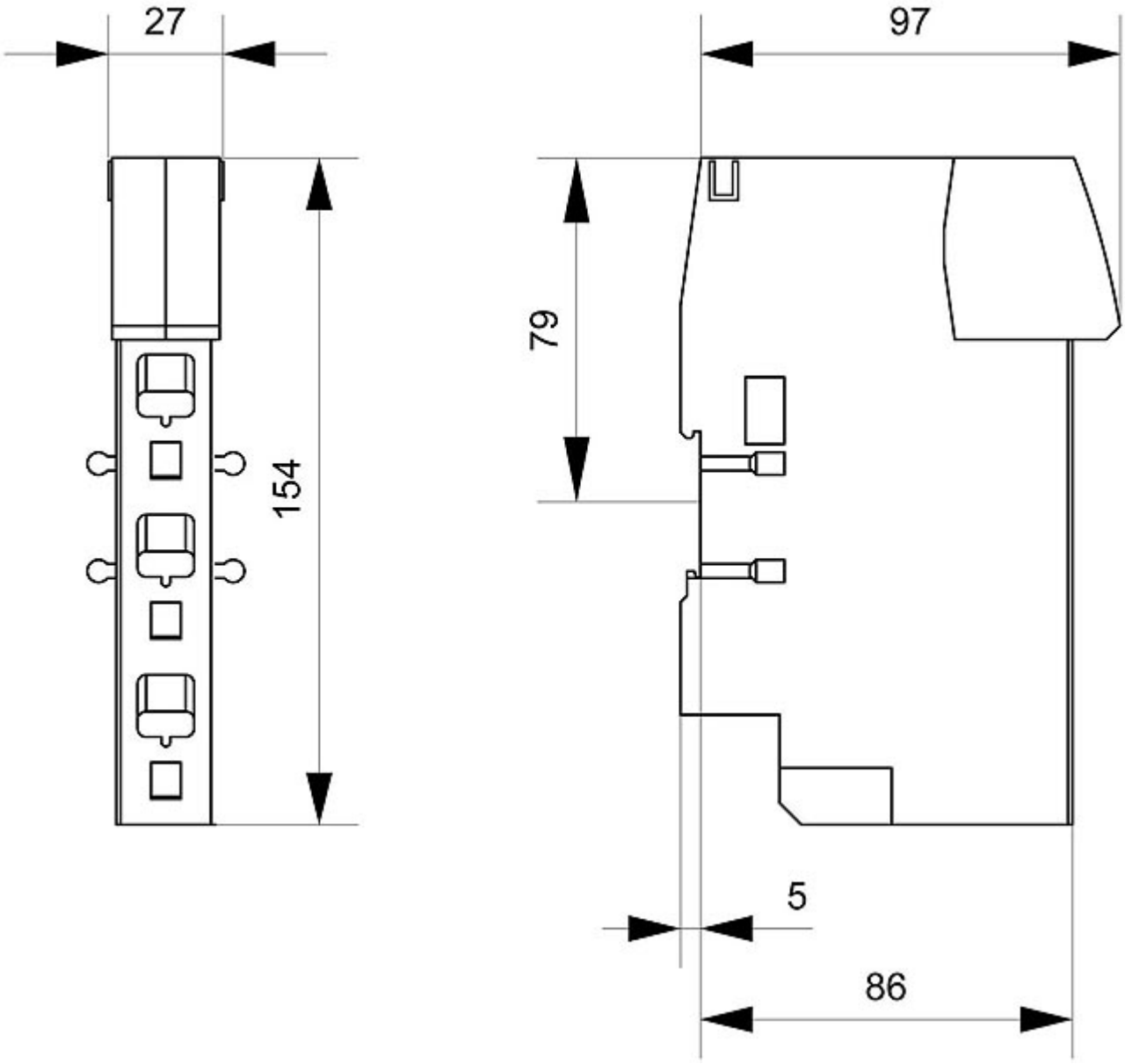
Safety related data

touch protection against electrical shock		finger-safe

Further information

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=3RA6830-5AC
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA6830-5AC
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RA6830-5AC
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA6830-5AC&lang=en

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