SIEMENS

Data sheet 3RA6860-5AC



PE infeed Connection main circuit: Spring-type terminal Connection terminal maximum 25 mm2,

General technical data		
product brand name		SIRIUS
product designation		PE infeed
protection class IP on the front according to IEC 60529		IP20
touch protection on the front according 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 … 5.8 Hz; d = 15 mm; f = 5.8 … 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		
● according to IEC 81346-2		W
● according to EN 61346-2		W
Main circuit		
operational current at AC at 400 V rated value	A	63
Installation/ mounting/ dimensions		
fastening method		plug-in fixing
width	mm	32
height	mm	65
depth	mm	70
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 for AWG cables		
● for supply for main contacts using the upper clamping point		10 ... 3
Certificates/ approvals		

General Product Approval	EMV	Test Certificates

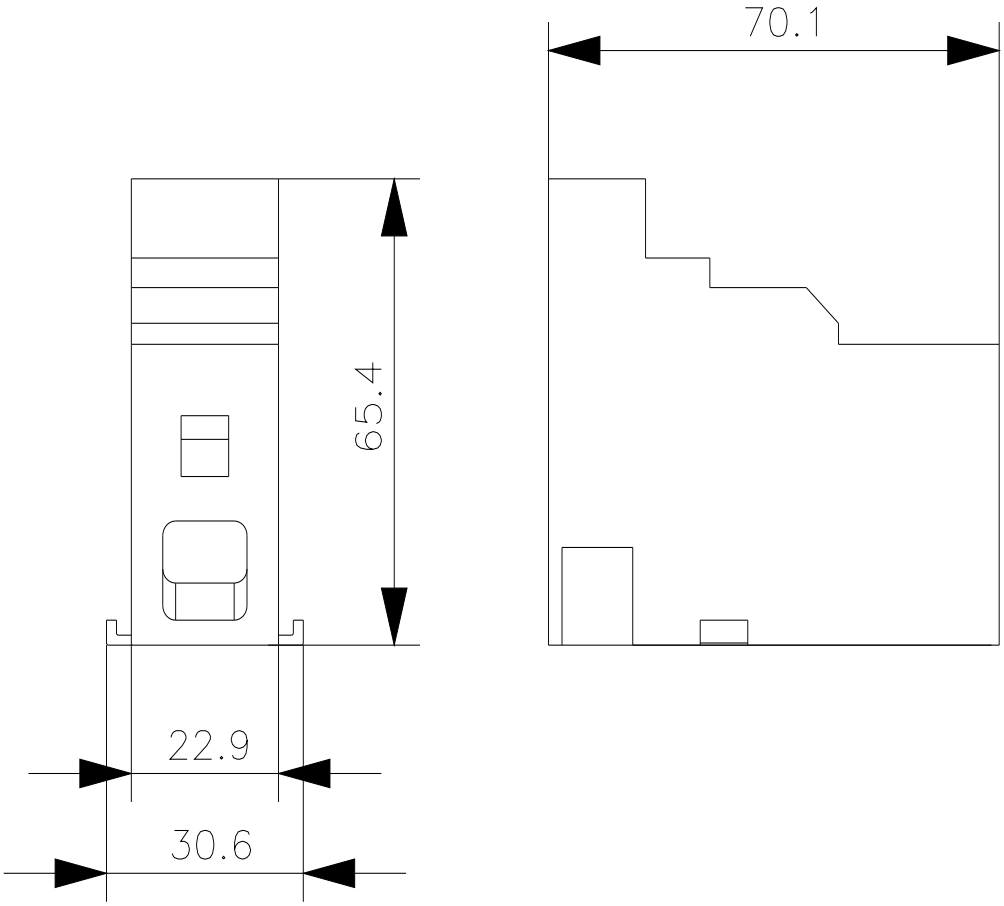
Subject to change without notice
© Copyright Siemens

Type Test Certificates/Test Report

other			Environment
Confirmation	Confirmation	产品合格 QC PASS	Environmental Confirmations

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
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=3RA6860-5AC
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA6860-5AC
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RA6860-5AC
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA6860-5AC&lang=en



last modified: 4/4/2026

© Copyright Siemens