SIEMENS

Data sheet 3RA6870-3AC



PE tap Connection main circuit: Spring-type terminal

General technical data		
product brand name		SIRIUS
product designation		PE pick-up
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		X
● according to EN 61346-2		X
Main circuit		
operational current at AC at 400 V rated value	A	63
Installation/ mounting/ dimensions		
fastening method		plug-in fixing
width	mm	10
height	mm	60
depth	mm	35
Connections/ Terminals		
type of electrical connection for main current circuit		spring-loaded terminals
stripped length for main contacts	mm	10
type of connectable conductor cross-sections for AWG cables		
● for main contacts for load-side outgoing feeder		16 ... 10, 1 x 8

Certificates/ approvals

General Product Approval	EMV	Test Certificates
UL, EAC, CE EG-Konf., UKCA, RCM		Type Test Certificates/Test Report

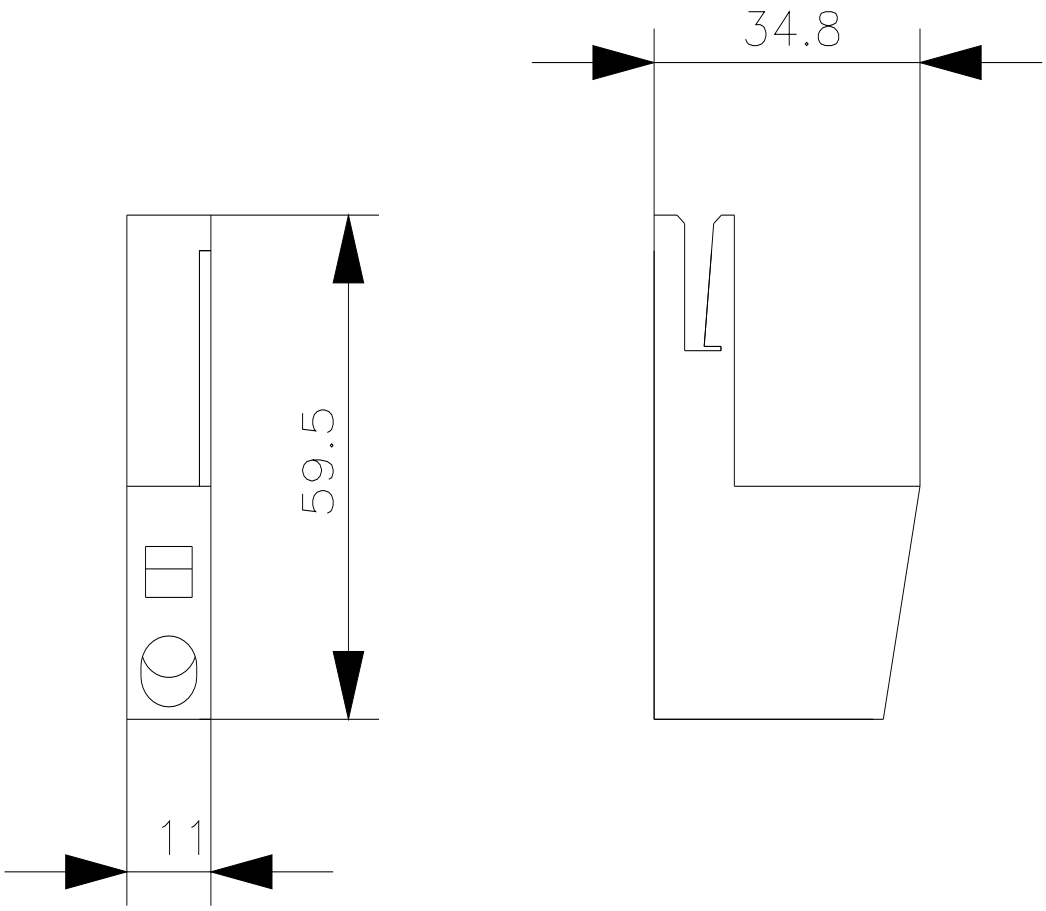
other	Environment

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Confirmation | Confirmation | 产品合格 QC PASS | Environmental Con-firmations

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=3RA6870-3AC
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA6870-3AC
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RA6870-3AC
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA6870-3AC&lang=en



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