# **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 rig          | ht                         |                      |
| 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  |     |                             |                            |                      |
| <ul> <li>during transport</li> </ul>   | °C  | -55 +80                     |                            |                      |
| during storage   | °C  | -55 <b>+</b> 80             |                            |                      |
| <ul> <li>during operation</li> </ul>   | °C  | -20 +60                     |                            |                      |
| vibration resistance   |     | f = 4 to 5.8 Hz; cycles     | d = 15 mm; f = 5.8 to 500  | Hz; a = 2 m / s2 10  |
| shock resistance   |     | Semi-sinusoidal in all axes | I a = 6 m/s2 at 10 ms; 3 p | os. and 3 neg. Shock |
| reference code   |     |                             |                            |                      |
| <ul> <li>according to IEC 81346-2</li> </ul>   |     | W                           |                            |                      |
| <ul><li>according to EN 61346-2</li></ul>  |     | W                           |                            |                      |
| Main circuit   |     |                             |                            |                      |
| operational current at AC at 400 V rated value   | Α   | 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 to            | erminals                   |                      |
| 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                    |                            |                      |
| <ul> <li>finely stranded with core end processing</li> </ul>   |     | 4 25 mm²                    |                            |                      |
| <ul> <li>finely stranded without core end processing</li> </ul>  |     | 6 25 mm²                    |                            |                      |
| type of connectable conductor cross-sections for AWG cables  |     |                             |                            |                      |
| <ul> <li>for supply for main contacts using the upper clamping point</li> </ul>                          |     | 10 3                        |                            |                      |
| Certificates/ approvals  |     |                             |                            |                      |
| General Product Approval   | ЕМС |                             | Declaration of Conformity  | Test Certificates    |









Type Test Certificates/Test Report

Marine / Shipping

other









Confirmation

#### Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

### Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

## Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

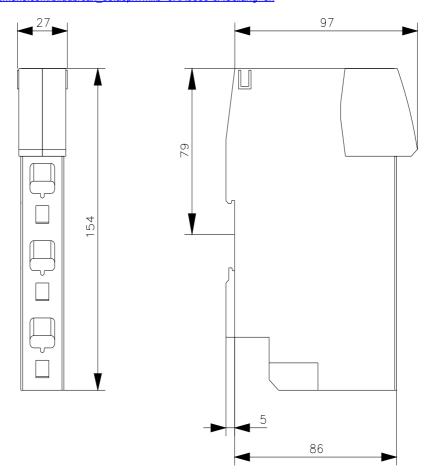
#### Cax online generator

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, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA6830-5AC&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA6830-5AC&lang=en</a>



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