



Infeed left Connection main circuit: input: Screw, Outgoing feeder: Spring 3 slots for compact load feeders Connection terminal maximum 50 mm² / 70 mm²

| General technical data | | |
|--|----|---|
| product brand name | | SIRIUS |
| product designation | | infeed left |
| protection class IP on the front according to IEC 60529 | | IP20; IP20 with box terminal/cover |
| touch protection on the front according to IEC 60529 | | Finger-safe, for vertical contact |
| degree of pollution | | 3 |
| number of slots for compact feeder | | 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 / s ² 10 cycles |
| shock resistance | | Semi-sinusoidal a = 6 m/s ² 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 | 100 |
| operating voltage at AC-3 rated value maximum | V | 690 |
| Installation/ mounting/ dimensions | | |
| fastening method | | screw and snap-on mounting |
| width | mm | 205 |
| height | mm | 208 |
| depth | mm | 155 |
| Connections/ Terminals | | |
| type of electrical connection for main current circuit | | spring-loaded terminals |
| stripped length for main contacts | mm | 17 |
| type of connectable conductor cross-sections for supply for main contacts using the upper clamping point | | |
| • solid | | 2.5 ... 70 mm ² |
| • stranded | | 2.5 ... 70 mm ² |
| • finely stranded with core end processing | | 2.5 ... 35 mm ² |
| • finely stranded without core end processing | | 4 ... 50 mm ² |
| type of connectable conductor cross-sections for supply for main contacts using the lower clamping | | |

| | | |
|--|--|--|
| point <ul style="list-style-type: none"> • solid • stranded • finely stranded with core end processing • finely stranded without core end processing | | 2.5 ... 70 mm ² 2.5 ... 70 mm ² 2.5 ... 50 mm ² 10 ... 50 mm ² |
| type of connectable conductor cross-sections for supply for main contacts using both clamping points <ul style="list-style-type: none"> • solid • stranded • finely stranded with core end processing • finely stranded without core end processing | | 2 x (2.5 ... 50 mm ²) 2 x (2.5 ... 50 mm ²) 2 x (2.5 ... 35 mm ²) 2 x (4 ... 35 mm ²) |
| type of connectable conductor cross-sections at AWG cables <ul style="list-style-type: none"> • for supply for main contacts using the upper clamping point • for supply for main contacts using the lower clamping point • for supply for main contacts using both clamping points • for main contacts for load-side outgoing feeder | | 10 ... 2/0 10 ... 2/0 2 x (10 ... 1/0) 2 x (16 ... 10), 1 x (16 ... 8) |

Certificates/ approvals

| | | |
|---------------------------------|------------|----------------------------------|
| General Product Approval | EMC | Declaration of Conformity |
|---------------------------------|------------|----------------------------------|



[Confirmation](#)



Test Certificates Marine / Shipping

[Type Test Certificates/Test Report](#)



Marine / Shipping other



[Confirmation](#)

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=3RA6813-8AC>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA6813-8AC>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RA6813-8AC>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA6813-8AC&lang=en

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