

FUSELESS FEEDER REVERSING DUTY, 400V AC
 SIZE S0, 0.35...0.5A, 24V DC, 1NO+ 1NC CIRCUIT
 BREAKER W. SLIDING ADAPTER+ADD-ON MOD.
 CIRCUIT BREAKER S0

General technical data:

| | | |
|---|----|--------------------------------|
| product brand name | | SIRIUS |
| Product designation | | non-fused load feeder |
| Design of the product | | reversing starter |
| Size of load feeder | | S0 |
| Protection class IP on the front | | IP20 |
| Degree of pollution | | 3 |
| Insulation voltage rated value | V | 690 |
| Installation altitude at height above sea level maximum | m | 2 000 |
| Ambient temperature | | |
| • during storage | °C | -55 ... +80 |
| • during transport | °C | 70 ... -20 |
| • during operation | °C | -20 ... +70 |
| Shock resistance | | 12.5g |
| Surge voltage resistance rated value | kV | 6 |
| Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | | Q |
| Equipment marking acc. to DIN EN 61346-2 | | Q |
| Type of assignment | | 1 |
| Mechanical service life (switching cycles) of contactor typical | | 10 000 000 |
| Manufacturer's article number | | |
| • of the supplied standard mounting rail adapter | | 3RA1922-1R |
| • of the supplied circuit-breakers | | 3RV1021-0FA15 |
| • of the supplied contactor | | 3RT10 16-1BB42 |
| • of the supplied link module | | 3RA19 11-1AA00 |
| Design of the switching contact | | electromechanical |
| Type of the motor protection | | bimetal |
| Adjustable pick-up value current of the current-dependent overload release | A | 0.35 ... 0.5 |

Communication/ Protocol:

| | | |
|------------------------------------|--|----|
| Product function Bus communication | | No |
| Protocol is supported | | |
| • AS-interface protocol | | No |

- PROFIBUS DP protocol
- PROFINET protocol

No

No

Main circuit:

| | | |
|--|-----|------|
| Number of poles for main current circuit | | 3 |
| Operating voltage at AC-3 rated value maximum | V | 690 |
| Operating current at AC-3 at 400 V rated value | A | 0.4 |
| Operating power at AC-3 at 400 V rated value | kW | 0.12 |
| No-load switching frequency | 1/s | 15 |

Control circuit/ Control:

| | | |
|--|---|----|
| Type of voltage of the control supply voltage | | DC |
| Control supply voltage 1 | | |
| <ul style="list-style-type: none"> • at DC — rated value | V | 24 |

Auxiliary circuit:

| | | |
|--|--|-----|
| Product extension Auxiliary switch | | Yes |
| Number of NC contacts for auxiliary contacts | | 1 |
| Number of NO contacts for auxiliary contacts | | 1 |
| Number of CO contacts for auxiliary contacts | | 0 |

Inputs/ Outputs:

| | | |
|--------------------------|--|---|
| Number of digital inputs | | 0 |
|--------------------------|--|---|

Short-circuit:

| | | |
|--|----|------------------|
| Product function Short circuit protection | | Yes |
| Design of short-circuit protection | | circuit-breakers |
| Maximum short-circuit current breaking capacity (Icu) at 400 V rated value | kA | 50 |

Inputs/ Outputs:

| | | |
|--|----|------------------|
| Mounting position | | horizontal |
| Mounting type | | snap-on mounting |
| Width | mm | 100 |
| Height | mm | 220 |
| Depth | mm | 125 |
| Required spacing | | |
| <ul style="list-style-type: none"> • with side-by-side mounting at the side | mm | 0 |
| <ul style="list-style-type: none"> • for grounded parts | | |
| — forwards | mm | 10 |
| — Backwards | mm | 0 |
| — upwards | mm | 30 |
| — at the side | mm | 9 |
| <ul style="list-style-type: none"> • for live parts | | |
| — forwards | mm | 10 |

- Backwards
- downwards
- at the side

| | |
|----|----|
| mm | 9 |
| mm | 0 |
| mm | 30 |

Connections/ Terminals:

| | |
|--|--|
| Type of electrical connection for main current circuit | screw-type terminals |
| Certificate of suitability | UL / CSA / CCC / GL / LRS / BV / DNV / PRS |

Certificates/ approvals:

| General Product Approval | For use in hazardous locations | Declaration of Conformity | Shipping Approval |
|--------------------------|--------------------------------|---------------------------|-------------------|
|--------------------------|--------------------------------|---------------------------|-------------------|



ATEX

IECEX

EG-Konf.

DNV

GL

| Shipping Approval | other |
|-------------------|-------|
|-------------------|-------|



LRS

RINA

RMRS

[Umweltbestätigung](#)

[Bestätigungen](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA1225-0FR16-0BB4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RA1225-0FR16-0BB4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA1225-0FR16-0BB4&lang=en

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