

FUNCTION MODULE FOR AS-I, STAR-DELTA START,
SCREW CONNECTION, MOUNTED ON
CONTACTORS 3RT2 S0 COMM. CAPABLE
CONTACTOR REQUIRED



General technical data:

| | | |
|---|----|--|
| product brand name | | Sirius |
| Product designation | | set star-delta (wye-delta) start AS-i screw terminal |
| Design of the product | | star-delta (wye-delta) starter function |
| Size of contactor can be combined company-specific | | S00, S0 |
| Protection class IP on the front | | IP20 |
| Degree of pollution | | 3 |
| Insulation voltage with degree of pollution 3 Rated value | V | 690 |
| Installation altitude at height above sea level maximum | m | 2 000 |
| Ambient temperature | | |
| • during storage | °C | -40 ... +80 |
| • during operation | °C | -25 ... +60 |
| • during transport | °C | -40 ... +80 |
| EMI immunity acc. to IEC 60947-1 | | ambience A (industrial sector) |
| EMC emitted interference acc. to IEC 60947-1 | | CISPR11, ambience A (industrial sector) |
| Conducted interference due to burst acc. to IEC 61000-4-4 | | 2 kV network connection / 1 kV control connection |
| Conducted interference due to conductor-earth surge acc. to IEC 61000-4-5 | | 1 kV |
| Conducted interference due to conductor-conductor surge acc. to IEC 61000-4-5 | | 0.5 kV |
| Electrostatic discharge acc. to IEC 61000-4-2 | | 8 kV |
| Field-bound parasitic coupling acc. to IEC 61000-4-3 | | 10 V/m |
| Shock resistance | | 11g / 15 ms |

| | | |
|---|--|------------------------|
| Vibration resistance | | 10 ... 55 Hz / 0.35 mm |
| Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | | K |
| Equipment marking acc. to DIN EN 61346-2 | | K |
| Suitability for use | | |
| • direct starter | | No |
| • star-delta starter | | Yes |
| • reversing starter | | No |

Communication/ Protocol:

| | | |
|---|--|-----|
| Product function | | |
| • Bus communication | | Yes |
| • Control circuit interface with AS interface | | Yes |

Control circuit/ Control:

| | | |
|---|---|------------------|
| Design of the surge suppressor | | suppressor diode |
| Type of voltage of the control supply voltage | | DC |
| Control supply voltage 1 for DC Rated value | V | 24 |

Installation/ mounting/ dimensions:

| | | |
|-------------------|----|-------------------------------|
| mounting position | | any |
| Mounting type | | can be plugged into contactor |
| Width | mm | 45 |
| Height | mm | 37 |
| Depth | mm | 75 |

Connections/ Terminals:

| | | |
|---|--|--|
| Product function removable terminal for auxiliary and control circuit | | Yes |
| Type of electrical connection for auxiliary and control current circuit | | screw-type terminals |
| Type of connectable conductor cross-section | | |
| • for auxiliary contacts | | |
| — solid | | 0.5 ... 4 mm ² , 2x (0.5 ... 2.5 mm ²) |
| — finely stranded | | |
| — with core end processing | | 1x (0.5 ... 2.5 mm ²), 2x (0.5 ... 1.5 mm ²) |
| • for AWG conductors for auxiliary contacts | | 2x (20 ... 14) |

Certificates/ approvals:

| | | |
|----------------------------|--|---------------|
| Certificate of suitability | | CE / UL / CSA |
|----------------------------|--|---------------|

| | | |
|--------------------------|----------------------|-------------------|
| General Product Approval | Test Certificates | Shipping Approval |
|--------------------------|----------------------|-------------------|



[Type Test
Certificates/Test
Report](#)



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



| |
|-------|
| other |
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[Declaration of
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| |
|---------------------|
| 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

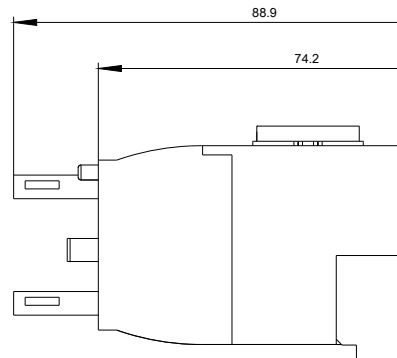
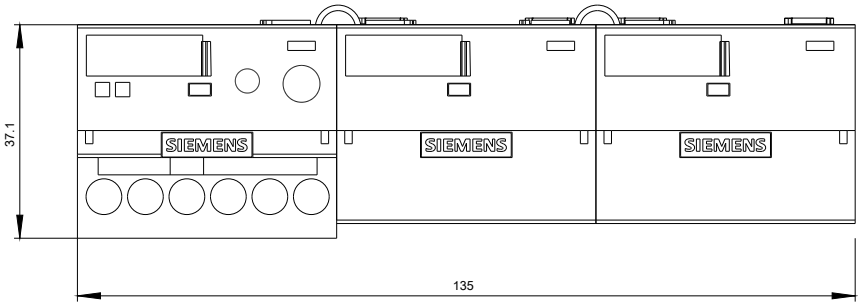
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA27121CA00>

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

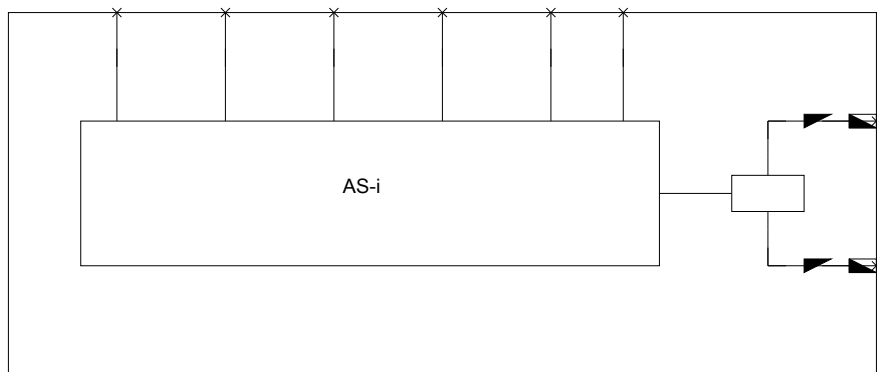
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

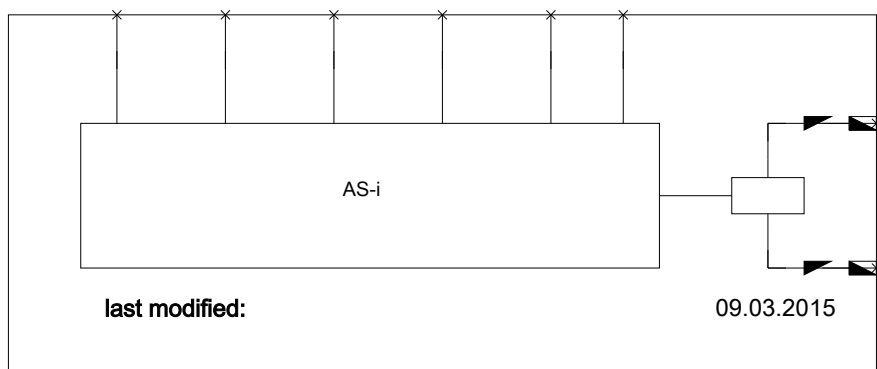
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