

FUNCTION MODULE FOR AS-I,
REVERSING START, SCREW CONNECTION,
MOUNTED ON CONTACTORS 3RT2 S00/ S0 COMM.
CAPABLE CONTACTOR REQUIRED



General technical data:

product brand name		Sirius
product designation		set reversing starter AS-i screw terminal
Design of the product		reversing starter function
Size of the 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 a height over sea level / maximum	m	2,000
Ambient temperature • during storage • during operating • during transport	°C °C °C	-40 ... +80 -25 ... +60 -40 ... +80
EMC immunity to interference • according to IEC 60947-1		ambience A (industrial sector)
EMC emitted interference • according to IEC 60947-1		CISPR11, ambience A (industrial sector)
Conductor-bound parasitic coupling BURST • according to IEC 61000-4-4		2 kV network connection / 1 kV control connection

Conductor-bound parasitic coupling conductor-earth SURGE • according to IEC 61000-4-5		1 kV
Conductor-bound parasitic coupling conductor-conductor SURGE • according to IEC 61000-4-5		0.5 kV
Electrostatic discharge • according to IEC 61000-4-2		8 kV
Field-bound parasitic coupling • according to IEC 61000-4-3		10 V/m
Resistance against shock		11g / 15 ms
Resistance against vibration		10 ... 55 Hz / 0.35 mm
Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 • according to DIN EN 61346-2		K K
Acceptability for application • direct starter • star-delta starter • reversing starter		No No Yes

Communication:

Product function

- bus-communication
- control circuit interface with AS interface

Yes
Yes

Control circuit:

Design of the surge suppressor

suppressor diode

Type of voltage / of the controlled supply voltage

DC

Control supply voltage / 1 for DC / rated value

V

24

Installation/mounting/dimensions:

mounting position

any

Type of mounting

can be plugged into contactor

Width

mm

45

Height

mm

37

Depth

mm

75

Connections:

Product function

- removable terminal for auxiliary and control circuit

Yes

Design of the electrical connection

• for auxiliary and control current circuit		screw-type terminals
Type of the connectable conductor cross-section • for auxiliary contacts • solid • finely stranded • with conductor end processing • for AWG conductors / for auxiliary contacts		0.5 ... 4 mm ² , 2x (0.5 ... 2.5 mm ²) 1x (0.5 ... 2.5 mm ²), 2x (0.5 ... 1.5 mm ²) 2x (20 ... 14)

Certificates/approvals:

Verification of suitability

CE / UL / CSA

General Product Approval



Test Certificates

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

Shipping Approval



Shipping Approval

other



[Declaration of Conformity](#)

[other](#)

Further information:

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

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

Industry Mall (Online ordering system)

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

CAX-Online-Generator

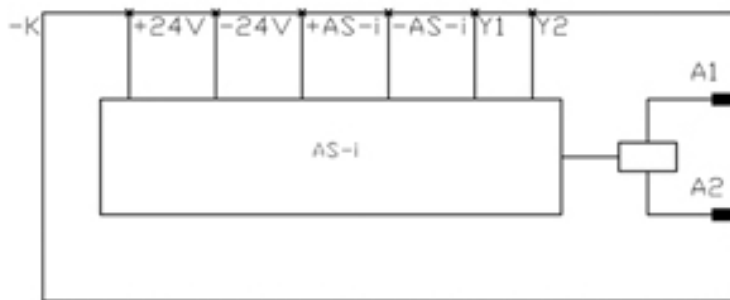
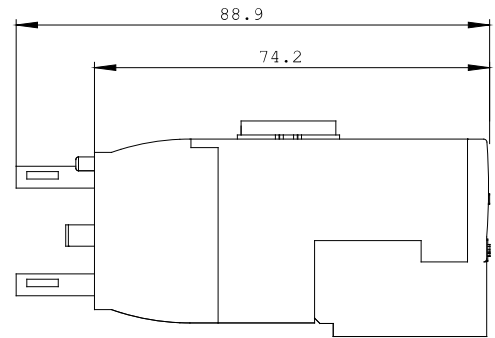
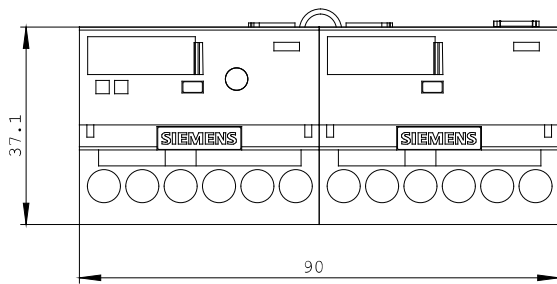
<http://www.siemens.com/cax>

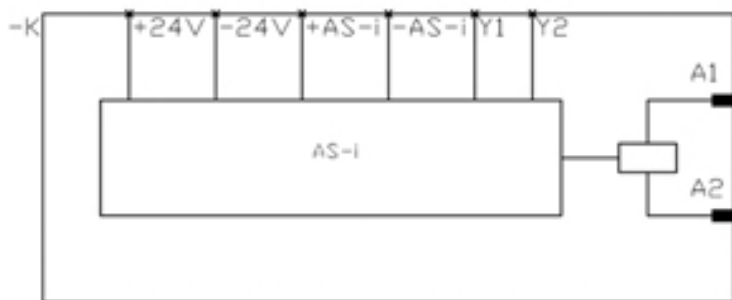
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RA2712-1BA00/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA2712-1BA00





last change:

Feb 18, 2013