



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

General technical data:

product brand name		Sirius
Product designation		set direct starter AS-i screw terminal
Design of the product		direct 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	°C	-40 ... +80
• during operating	°C	-25 ... +60
• during transport	°C	-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
Reference code • according to DIN 40719 extended according to 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		Yes No No

Communication:

Product function

- bus-communication
- control circuit interface with AS interface

Yes
Yes

Control circuit:

Design of the surge suppressor

suppressor diode

Voltage type / of control feed 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:

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		0.5 ... 4 mm ² , 2x (0.5 ... 2.5 mm ²)
• solid		
• finely stranded		1x (0.5 ... 2.5 mm ²), 2x (0.5 ... 1.5 mm ²)
• with conductor end processing		
• for AWG conductors / for auxiliary contacts		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](#)

[Environmental Confirmations](#)

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

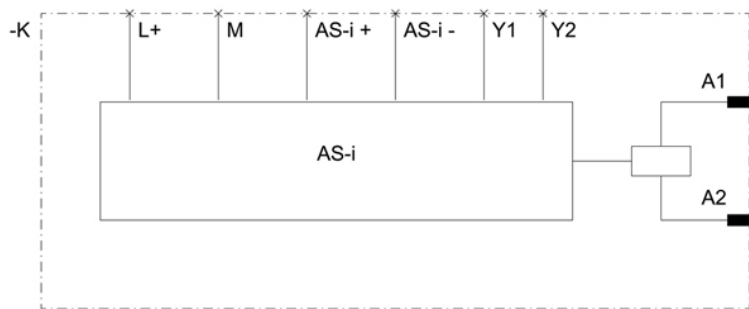
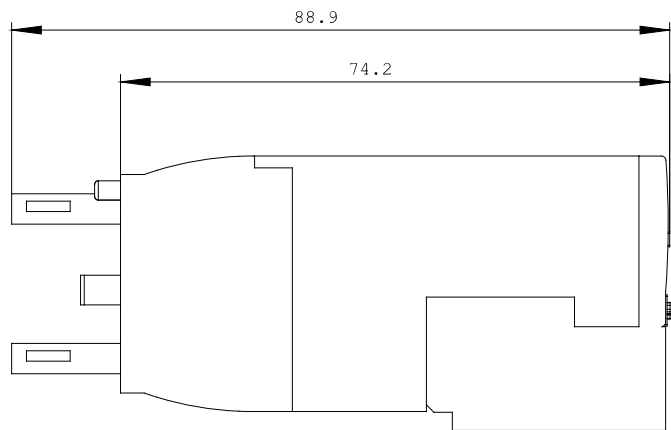
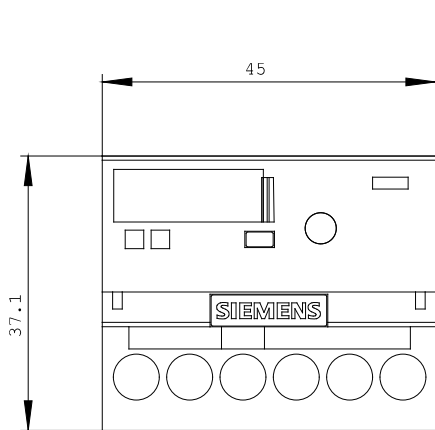
<http://www.siemens.com/cax>

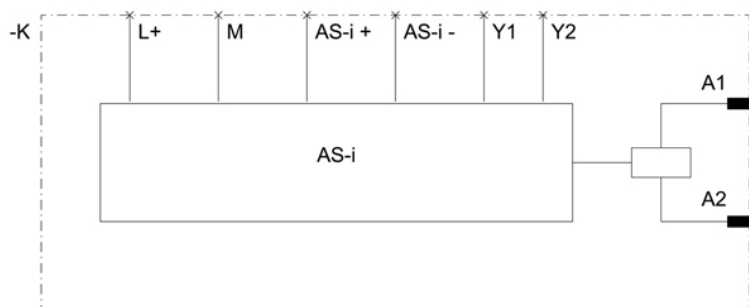
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RA2712-1AA00/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA2712-1AA00





last change:

Aug 4, 2014