



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	V	690
• rated value		
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		1 kV
• according to IEC 61000-4-5		
Conductor-bound parasitic coupling conductor-conductor SURGE		0.5 kV
• according to IEC 61000-4-5		
Electrostatic discharge		8 kV
• according to IEC 61000-4-2		
Field-bound parasitic coupling		10 V/m
• according to IEC 61000-4-3		
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		K
• according to DIN EN 61346-2		K
Acceptability for application		
• direct starter		Yes
• star-delta starter		No
• reversing starter		No

Communication:

Product function		
• bus-communication		Yes
• control circuit interface with AS interface		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		0.5 ... 4 mm ² , 2x (0.5 ... 2.5 mm ²)
• finely stranded		
• with conductor 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:

Verification of suitability	CE / UL / CSA
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General Product Approval	Test Certificates
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CSA



GOST



UL

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

Shipping Approval



ABS



DNV



GL



LRS



PRS



RINA

Shipping Approval	other
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RMRS



ASI

[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

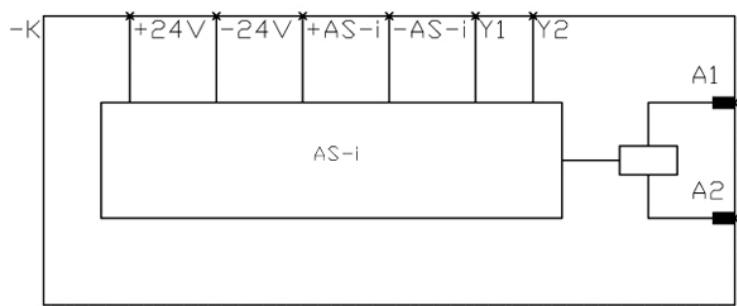
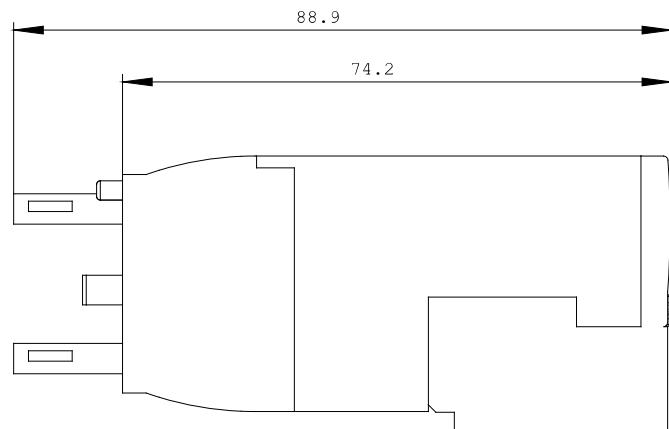
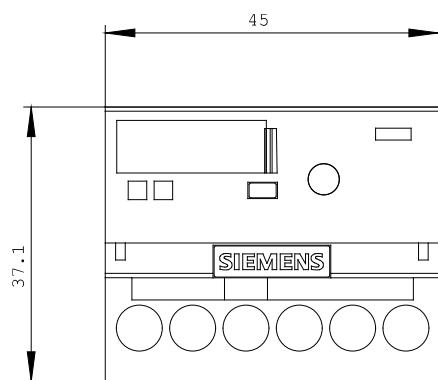
<http://www.siemens.com/cax>

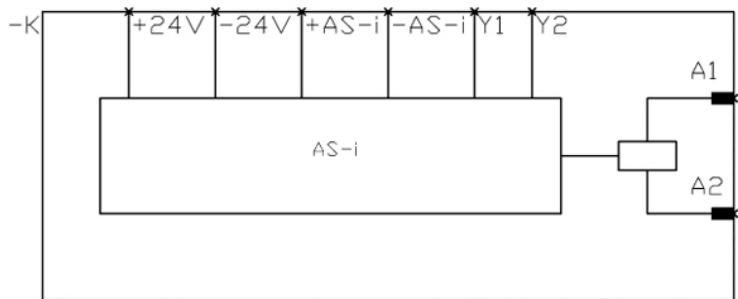
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

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

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