



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

### General technical data:

<b>product brand name</b>		Sirius
<b>Product designation</b>		set direct starter AS-i spring-loaded terminal
<b>Design of the product</b>		direct starter function
<b>Size of contactor can be combined company-specific</b>		S00, S0
<b>Protection class IP on the front</b>		IP20
<b>Degree of pollution</b>		3
Insulation voltage with degree of pollution 3 Rated value	V	690
<b>Installation altitude at height above sea level maximum</b>	m	2 000
<b>Ambient temperature</b>		
• 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
<b>Shock resistance</b>		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		Yes
• star-delta starter		No
• 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	39
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		spring-loaded terminals
Type of connectable conductor cross-section		
• for auxiliary contacts		
— solid		1x (0.25 ... 1.5 mm <sup>2</sup> ), 2x (0.25 ... 1.5 mm <sup>2</sup> )
— finely stranded		
— with core end processing		1x (0.25 ... 1.5 mm <sup>2</sup> ), 2x (0.25 ... 1.5 mm <sup>2</sup> )
— without core end processing		1x (0.25 ... 1.5 mm <sup>2</sup> ), 2x (0.25 ... 1.5 mm <sup>2</sup> )
• for AWG conductors for auxiliary contacts		2x (24 ... 16)

#### Certificates/ approvals:

Certificate of suitability		CE / UL / CSA
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General Product Approval	Test Certificates	Shipping Approval
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[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Shipping Approval
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Shipping Approval	other
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[Environmental Confirmations](#)

[Declaration of Conformity](#)

[Confirmation](#)

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Further information
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**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**

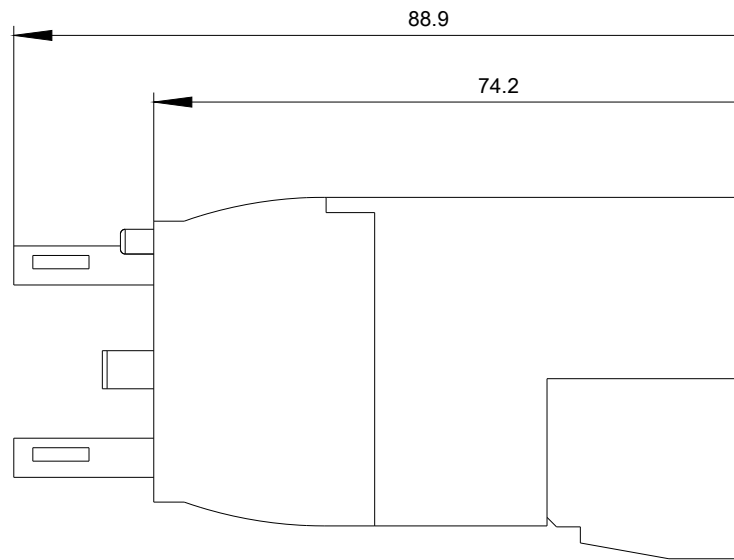
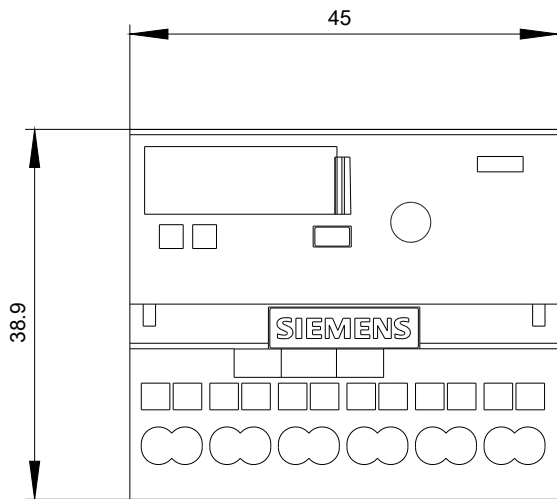
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA27122AA00>

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

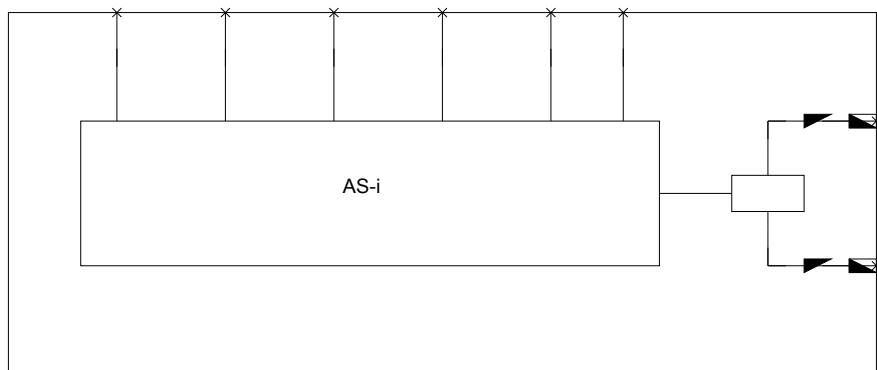
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**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**

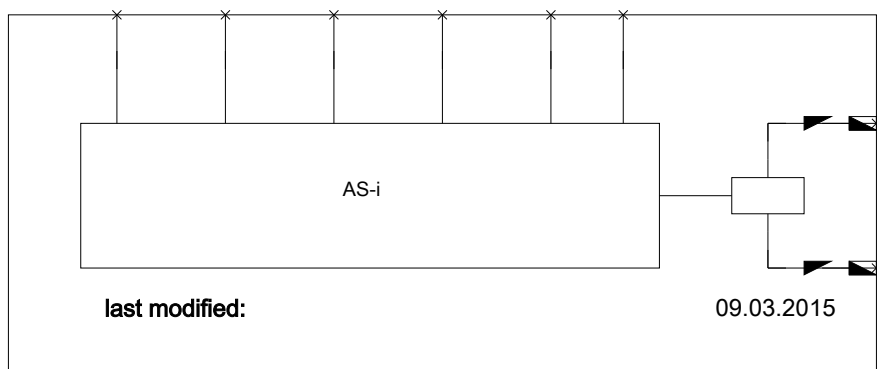
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