

FUNCTION MODULE FOR IO-LINK,  
STAR-DELTA START, SCREW CONNECTION,  
MOUNTED ON CONTACTORS 3RT2 S00/ S0 COMM.  
CAPABLE CONTACTOR REQUIRED



### General technical data:

<b>product brand name</b>		Sirius
<b>product designation</b>		function module for star-delta (wye-delta) start with IO-Link
<b>Design of the product</b>		star-delta (wye-delta) starter function
<b>Size of the contactor / can be combined / company-specific</b>		S00, S0
<b>Protection class IP / on the front</b>		IP20
<b>Degree of pollution</b>		3
<b>Insulation voltage / with degree of pollution 3</b> • rated value	V	690
<b>Installation altitude / at a height over sea level / maximum</b>	m	2,000
<b>Ambient temperature</b> • during storage • during operating • during transport	°C °C °C	-40 ... +80 -25 ... +60 -40 ... +80
<b>EMC immunity to interference</b> • according to IEC 60947-1		ambience A (industrial sector)
<b>EMC emitted interference</b> • according to IEC 60947-1		CISPR11, ambience A (industrial sector)
<b>Conductor-bound parasitic coupling BURST</b>		

<ul style="list-style-type: none"> <li>• according to IEC 61000-4-4</li> </ul>		2 kV network connection / 1 kV control connection
<b>Conductor-bound parasitic coupling conductor-earth SURGE</b> <ul style="list-style-type: none"> <li>• according to IEC 61000-4-5</li> </ul>		1 kV
<b>Conductor-bound parasitic coupling conductor-conductor SURGE</b> <ul style="list-style-type: none"> <li>• according to IEC 61000-4-5</li> </ul>		0.5 kV
<b>Electrostatic discharge</b> <ul style="list-style-type: none"> <li>• according to IEC 61000-4-2</li> </ul>		8 kV
<b>Field-bound parasitic coupling</b> <ul style="list-style-type: none"> <li>• according to IEC 61000-4-3</li> </ul>		10 V/m
<b>Resistance against shock</b>		11g / 15 ms
<b>Resistance against vibration</b>		10 ... 55 Hz / 0.35 mm
<b>Item designation</b> <ul style="list-style-type: none"> <li>• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> <li>• according to DIN EN 61346-2</li> </ul>		K K
<b>Acceptability for application</b> <ul style="list-style-type: none"> <li>• direct starter</li> <li>• star-delta starter</li> <li>• reversing starter</li> </ul>		No Yes No

#### Communication:

##### Product function

- bus-communication
- control circuit interface with IO link
- control circuit interface with AS interface

Yes  
Yes  
No

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

#### Certificates/approvals:

##### Verification of suitability

CE / UL / CSA

##### General Product Approval

##### Test Certificates



[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

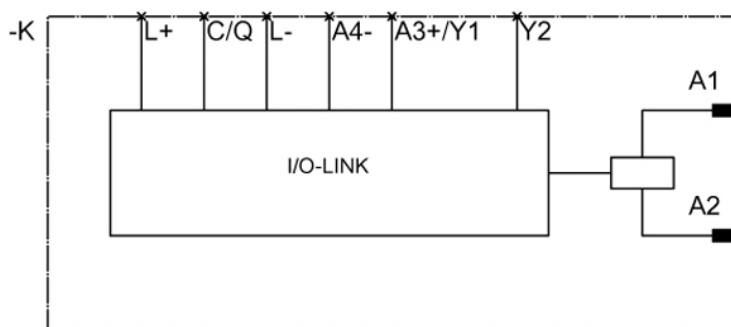
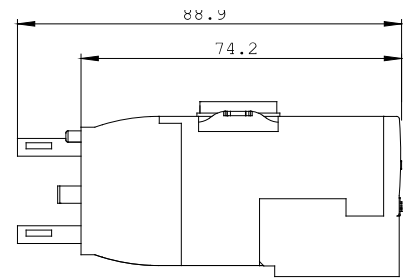
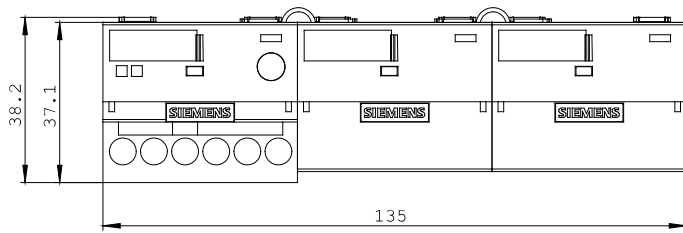
<http://www.siemens.com/cax>

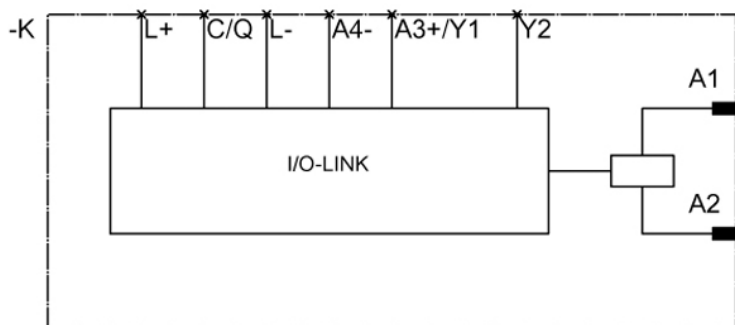
##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RA2711-1CA00/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3RA2711-1CA00](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA2711-1CA00)





last change:

Apr 13, 2012