

FUNCTION MODULE FOR AS-I,
STAR-DELTA START,
SPRING-LOADED CONNECTION,
MOUNTED ON CONTACTORS 3RT2 S00/ S0 COMM.
CAPABLE CONTACTOR REQUIRED



General technical data:		
product brand name		Sirius
Product designation		set star-delta (wye-delta) start AS-i spring-loaded terminal
Design of the product		star-delta (wye-delta) 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		

<ul style="list-style-type: none"> • according to IEC 61000-4-4 		2 kV network connection / 1 kV control connection
Conductor-bound parasitic coupling conductor-earth SURGE <ul style="list-style-type: none"> • according to IEC 61000-4-5 		1 kV
Conductor-bound parasitic coupling conductor-conductor SURGE <ul style="list-style-type: none"> • according to IEC 61000-4-5 		0.5 kV
Electrostatic discharge <ul style="list-style-type: none"> • according to IEC 61000-4-2 		8 kV
Field-bound parasitic coupling <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • direct starter • star-delta starter • reversing starter 		No Yes 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 39

Depth

mm 75

Connections:

Product function

- removable terminal for auxiliary and control circuit

Yes

Design of the electrical connection		spring-loaded terminals
<ul style="list-style-type: none"> • for auxiliary and control current circuit 		
Type of the connectable conductor cross-section		
<ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> • solid • finely stranded <ul style="list-style-type: none"> • with conductor end processing • without conductor final cutting • for AWG conductors / for auxiliary contacts 		1x (0.25 ... 1.5 mm ²), 2x (0.25 ... 1.5 mm ²) 1x (0.25 ... 1.5 mm ²), 2x (0.25 ... 1.5 mm ²) 1x (0.25 ... 1.5 mm ²), 2x (0.25 ... 1.5 mm ²) 2x (24 ... 16)

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](#)

[Environmental Confirmations](#)

Further information:

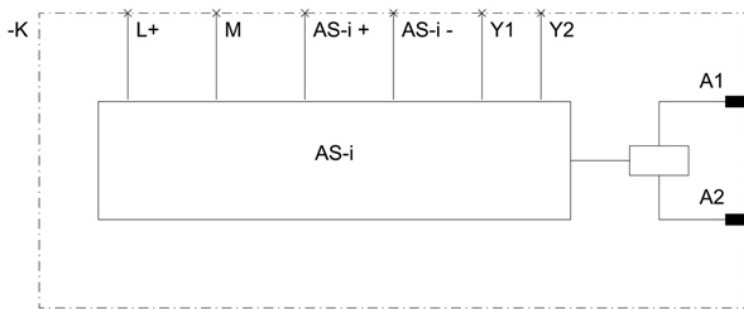
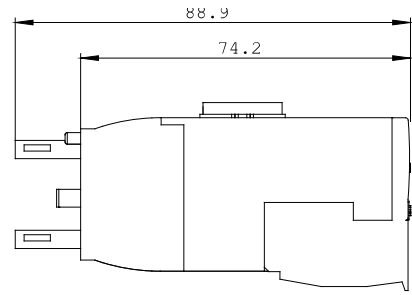
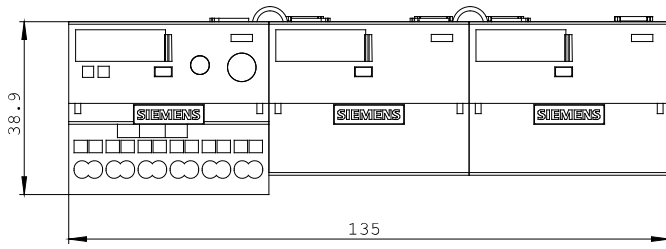
Information- and Downloadcenter (Catalogs, Brochures,...)
<http://www.siemens.com/industrial-controls/catalogs>

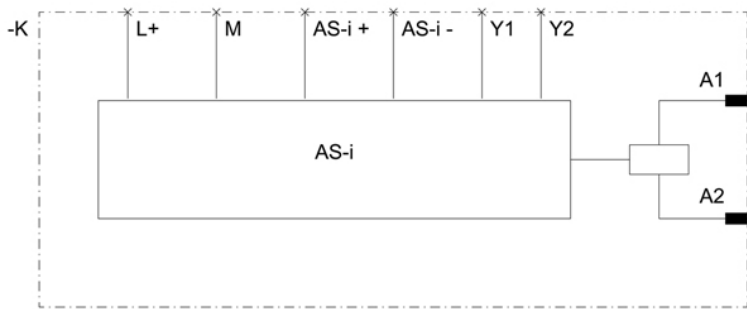
Industry Mall (Online ordering system)
<http://www.siemens.com/industrial-controls/mall>

CAX-Online-Generator
<http://www.siemens.com/cax>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<http://support.automation.siemens.com/WW/view/en/3RA2712-2CA00/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RA2712-2CA00





last change:

Aug 4, 2014