## **SIEMENS**

Data sheet 3RA2712-1CB00



basic module for AS-i, star-delta (wye-delta) start screw terminal, can be snapped on at the front on communication-capable contactor 3RT20...-...-0CC0

nreduct brand name		Sirius
product brand name		
product designation		Basic module
design of the product		AS-i
size of contactor can be combined company-specific		S00, S0, S2, S3
protection class IP on the front according to IEC 60529		IP20
touch protection on the front according to IEC 60529		finger-safe, for vertical contact from the front
degree of pollution		3
insulation voltage with degree of pollution 3 at AC rated value	V	690
installation altitude at height above sea level maximum	m	2 000
ambient temperature		
during storage	°C	-40 +80
during operation	°C	-25 +60
during transport	°C	-40 +80
EMC immunity according to IEC 60947-1		ambience A (industrial sector)
EMC emitted interference according to IEC 60947-1		CISPR11, ambience A (industrial sector)
conducted interference due to burst according to IEC 61000-4-4		2 kV network connection / 1 kV control connection
conducted interference due to conductor-earth surge according to IEC 61000-4-5		1 kV
conducted interference due to conductor-conductor surge according to IEC 61000-4-5		0.5 kV
electrostatic discharge according to IEC 61000-4-2		8 kV
field-based interference according to IEC 61000-4-3		10 V/m
shock resistance		11g / 15 ms
vibration resistance		11 55 Hz / 0,35 mm
reference code		
according to IEC 81346-2		K
according to EN 61346-2		К
suitability for use		
direct starter		No
star-delta starter		Yes
reversing starter		No
ommunication/ Protocol		
product function		
bus communication		Yes
control circuit interface with AS-interface		Yes
Control circuit/ Control		
design of the surge suppressor		Varistor
type of voltage of the control supply voltage		DC

control supply voltage 1 at DC rated value	V	24
Installation/ mounting/ dimensions		
mounting position		any
fastening method		can be plugged into contactor
width	mm	45
height	mm	37
depth	mm	75
Connections/ Terminals		
product component removable terminal for auxiliary and control circuit		Yes
type of electrical connection for auxiliary and control circuit		screw-type terminals
type of connectable conductor cross-sections		
<ul> <li>for auxiliary contacts</li> </ul>		
— solid		0.5 4 mm², 2x (0.5 2.5 mm²)
— finely stranded		
<ul> <li>— with core end processing</li> </ul>		1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
<ul> <li>at AWG cables for auxiliary contacts</li> </ul>		2x (20 14)
Certificates/ approvals		
certificate of suitability		CE / UL / CSA
General Product Approval		Declaration of Conformity



Confirmation









**Test Certificates** 

Marine / Shipping

Type Test Certificates/Test Report











other



Confirmation

## **Further information**

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RA2712-1CB00

Cax online generator

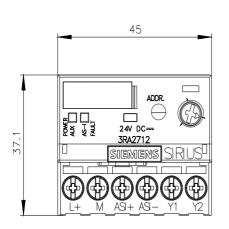
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2712-1CB00

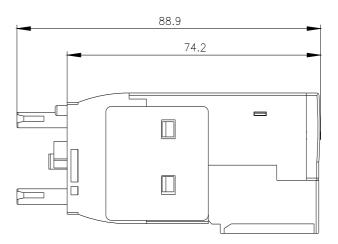
 ${\bf Service \& Support~(Manuals,~Certificates,~Characteristics,~FAQs,...)}$ 

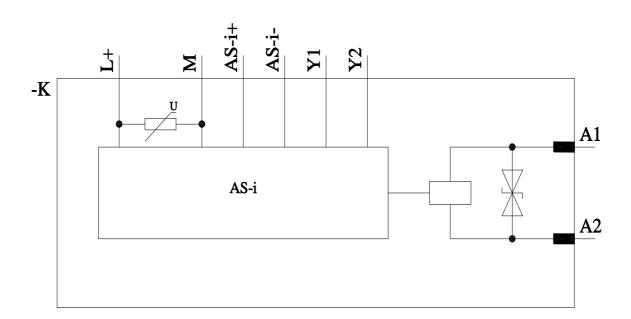
https://support.industry.siemens.com/cs/ww/en/ps/3RA2712-1CB00

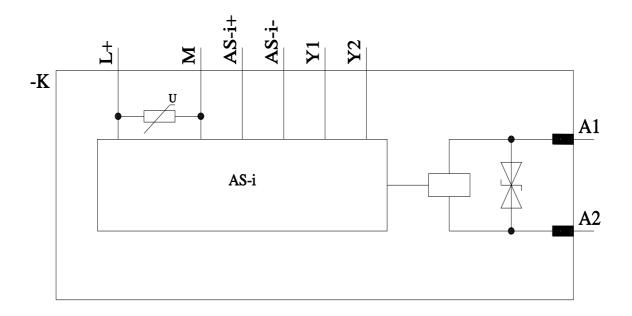
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RA2712-1CB00&lang=en









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