SIEMENS

Data sheet 3RA2712-2BA00

function module for AS-i, reversing start, spring-loaded terminal, can be snapped on at the front on communication-capable contactor 3RT20...-....-0CC0



General technical data		
product brand name		Sirius
product designation		function 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		10 55 Hz / 0.35 mm
reference code		
according to IEC 81346-2		K
according to EN 61346-2		K
suitability for use		
direct starter		No
star-delta starter		No
reversing starter		Yes
Communication/ 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	39
depth	mm	75
Connections/ Terminals		
product component removable terminal for auxiliary and control circuit		Yes
type of electrical connection for auxiliary and control circuit		spring-loaded terminals
type of connectable conductor cross-sections		
 for auxiliary contacts 		
— solid		1x (0.25 1.5 mm²), 2x (0.25 1.5 mm²)
— finely stranded		
 — with core end processing 		1x (0.25 1.5 mm²), 2x (0.25 1.5 mm²)
 — without core end processing 		1x (0.25 1.5 mm²), 2x (0.25 1.5 mm²)
 at AWG cables for auxiliary contacts 		2x (24 16)
Certificates/ approvals		
certificate of suitability		CE / UL / CSA
General Product Approval		Declaration of Conformity



Confirmation



EAC





Test Certificates

Marine / Shipping

Type Test Certificates/Test Report











Marine / Shipping

other

Railway







Confirmation

Vibration and Shock

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=3RA2712-2BA00

Cax online generator

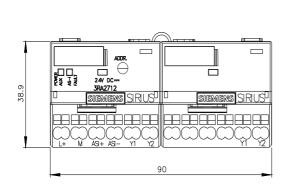
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA2712-2BA00

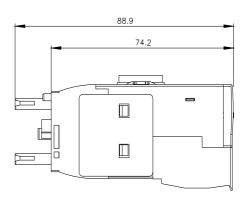
 $Service \& Support \ (Manuals, \ Certificates, \ Characteristics, \ FAQs, ...)$

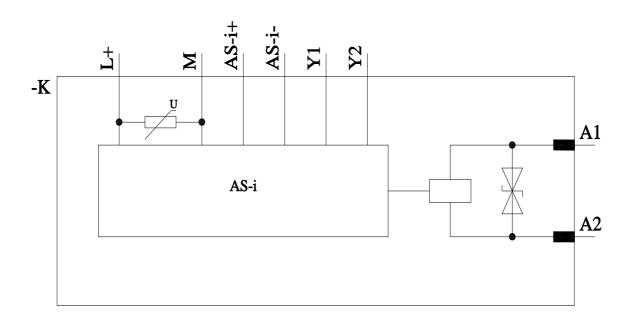
https://support.industry.siemens.com/cs/ww/en/ps/3RA2712-2BA00

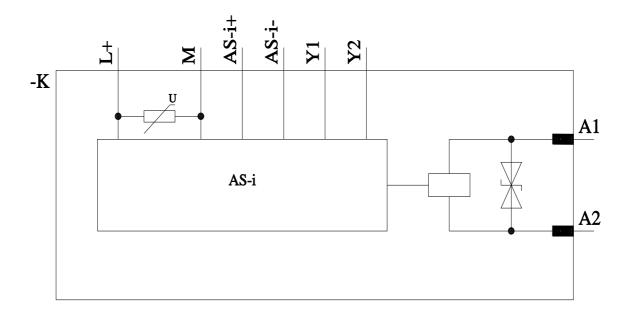
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA2712-2BA00\&lang=enderse$









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