



AS-I DATA DECOUPL 2 X 4A SPRING AS-INTERFACE
 DUAL DATA DECOUPLING UNIT, IP20, SLIMLINE
 S22.5 SPRING-LOADED TERMINALS, MODULE
 WIDTH 22.5 MM, IN: 24 V / 30 V DC OUT: 2 X AS-I, 4 A
 INTEGR. OVERLOAD PROTECTION, INTEGR. EARTH
 FAULT DETECTION, SIGNALING CONTACTS,
 REMOTE RESET

General technical data:		
product brand name		AS-Interface
Product designation		Twin data decoupling module
Design of the product		SlimLine S22.5 - Module to be used in the IP20 control cabinet
Protection class IP		IP20
Installation altitude at height above sea level maximum	m	2 000
Ambient temperature		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +85
Relative humidity at 25 °C during operation maximum	%	70
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		A
Equipment marking acc. to DIN EN 61346-2		A
Active power supplied	W	240
Mechanical service life (switching cycles) of the signaling contacts typical		1 000 000
Product function		
• Auto-reset		No
• External reset		Yes
• Manual RESET		Yes
• Ground fault detection		Yes
• Test function of signaling contacts		Yes
• suitable for grounded AS-i networks		Yes
• adapted for non-grounded AS-i networks		Yes

<ul style="list-style-type: none"> • suitable for AS-i Power24V • sequential connected time-delay • AS-interface data decoupling 		Yes
Reset function		yes
Adjustable response value current of the current-dependent overload release	A	2.5 ... 4
Number of electrical connections for signaling contact		3
Number of outputs for AS Interface maximum		2
Display version as status display by LED		yes
Number of switching contacts as NO contact for signaling function		2
Design of the switching contact as NO contact for signaling function		yes
Response delay of the sequential connection delay	ms	200

Communication/ Protocol:

Protocol is supported AS-interface protocol		Yes
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Auxiliary circuit:

Operating current of the auxiliary contacts		
<ul style="list-style-type: none"> • at AC-15 at 24 V • at DC-13 at 24 V 	A	3
	A	1

Inputs/ Outputs:

Type of voltage		
<ul style="list-style-type: none"> • of the input voltages • of the input voltage 		DC
		DC
Property of the output Short-circuit proof		Yes
Output voltage		
<ul style="list-style-type: none"> • 1 for DC <ul style="list-style-type: none"> — Rated value 	V	30
<ul style="list-style-type: none"> — Rated value 	V	20.5 ... 31.6
<ul style="list-style-type: none"> • 2 for DC Rated value 	V	24
Output current for DC maximum	A	4
Input voltage		
<ul style="list-style-type: none"> • 1 for DC <ul style="list-style-type: none"> — Rated value 	V	30
<ul style="list-style-type: none"> — Rated value 	V	21 ... 32
<ul style="list-style-type: none"> • 2 for DC Rated value 	V	24
Input current for DC maximum	A	8.2

Short-circuit:

Design of short-circuit protection		electronic
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Installation/ mounting/ dimensions:

mounting position		vertical
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Mounting type		35-mm DIN rail mounting or wall mounting with plug-in flaps
Width	mm	22.5
Height	mm	104.9
Depth	mm	121.2
Type of electrical connection for auxiliary and control current circuit		spring-loaded terminals
Product function removable terminal for auxiliary and control circuit		Yes
Type of 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 core end processing — without core end processing • for AWG conductors for auxiliary contacts 		2x (0.25 ... 1.5 mm ²) 2x (0.25 ... 1.5 mm ²) 2x (0.25 ... 1.5 mm ²) 2x (24 ... 16)
Certificate of suitability		CE / UL / CSA
Suitability for use safety-related circuits		Yes

Certificates/ approvals:

General Product Approval



CSA



GOST



UL



ABS



DNV

Shipping Approval

Shipping Approval



PRS



RMRS

other

[Confirmation](#)

[Declaration of
Conformity](#)

[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/industrymall>

Cax online generator

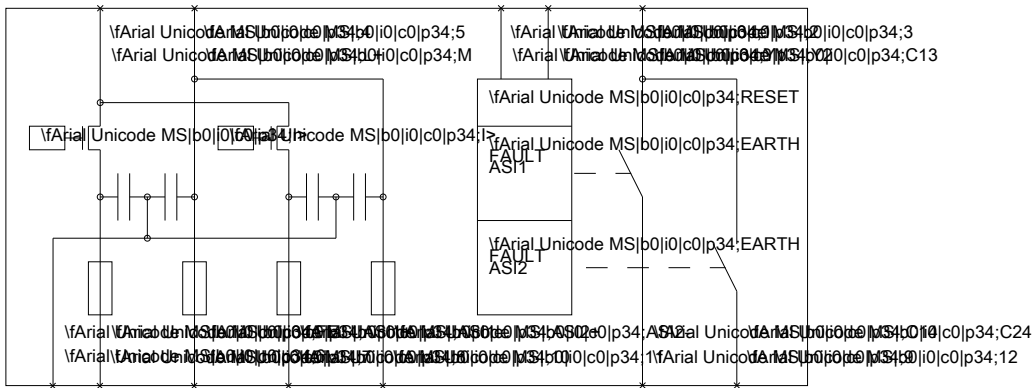
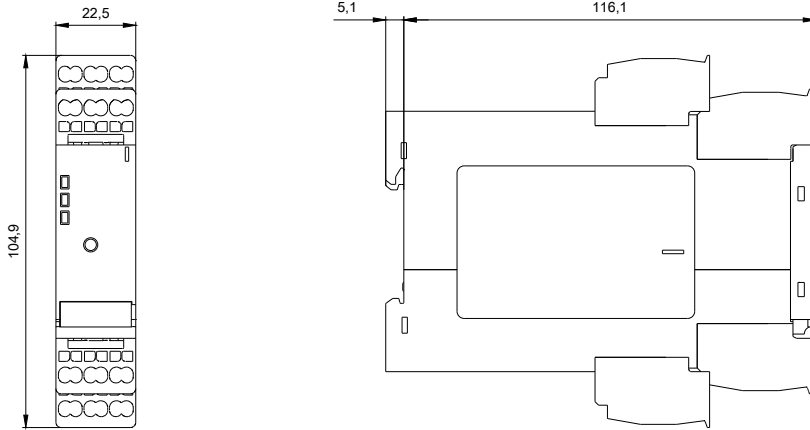
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK19011DG221AA0>

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

<http://support.automation.siemens.com/WW/view/en/3RK19011DG221AA0/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK19011DG221AA0&lang=en>



last modified:

09.03.2015