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Data sheet 3RK1200-0CE02-0AA2



Figure similar

AS-INTERF. MODULE SLIMLINE,IP20 S22.5, DIGITAL, 4I, 2/3-WIRE 4 X 1 INPUT, 200MA, PNP SCREW-TYPE TERMINAL CONNECT. MODULE WIDTH 22.5 MM

General technical data:		
Design of the product		SlimLine S22.5 - I/O modules for operation in the control cabinet, IP20
Design of the slave type		standard slave
Type		4 inputs
I/O configuration		0
ID/ID2 code		0/F
Protocol is supported AS-interface protocol		Yes
AS interface total current input max	mA	270
operating voltage according to AS-Interface spezification	V	26.5 ... 31.6
Addressing		front addressing socket
Type of electrical connection of the inputs and outputs		screw-type terminals
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		K
note		An external additional supply (AUX POWER) of 20 to 30 V DC is required for the supply of the output circuits.The additional supply must comply with VDE 0106 (PELV), protection class III.

Sensor supply:		
Type of voltage supply for power supply		using AS-Interface
Input voltage	V	20 ... 30
Property of the sensor supply Short-circuit and overload resistant		Yes

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Ampacity of the sensor supply for all inputs		
• at ambient temperature 40 °C	mA	200
Inputs:		
Number of digital inputs		4
Type of connection		2- and 3-wire technology
Input circuit		PNP transistor
Type of voltage of the input voltages		DC
Inputs switching level High min	V	10
Input current at digital input		
• for signal <1> minimum	mA	5
• with signal <0> maximum	mA	1.5
Inputs sensor supply using AS-Interface		short-circuit and overload resistant
Outputs:		
Number of digital outputs		0
Output voltage for DC at 24 V	V	22 ... 24
Status display		
• display of I/Os		yellow LED
• AS-Interface		green LED
• FAULT		red LED
Assignment of data bits		
• D0		IN1
• D1		IN2
• D2		IN3
• D3		IN4
Ambient conditions:		
Ambient temperature		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +85
Protection class IP		IP20
Mechanical data:		
Width	mm	22.5
Height	mm	102
Depth	mm	86
Mounting type		35 mm standard rail mounting or wall mounting using push-in lugs
Conductor cross-section		
• solid		1 x (0.5 - 4) mm² or 2 x (0.5 - 2.5) mm²
• finely stranded		
— with end sleeve		1 x (0.5 - 2.5) mm² or 2 x (0.5 - 1.5) mm²
• AWG solid or stranded		AWG 2 x (20 - 14) mm²

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Certificates/ approvals:

AS-Interface certificate		yes (or requested for in case of new units)
Approvals		UL, CSA, shipbuilding (or requested for in case of new units)

General Product Approval

CSA GOST UL EAC

Shipping Approval

ABS BUREAU VERITAS

Shipping Approval

LRS PRS RINA RMRS

other

Environmental Confirmations | Confirmation

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/industrymall

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK12000CE020AA2

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3RK12000CE020AA2

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK12000CE020AA2&lang=en

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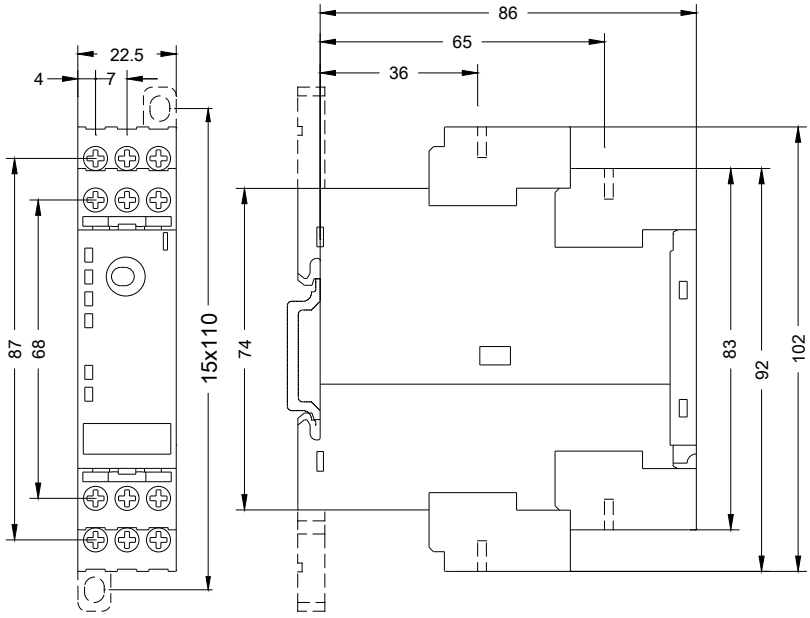

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