

AS-I COMPACT MODULE K20, IP67, A/B-SLAVE, DIGITAL, 4DI, 4 X INPUT FOR SENSOR(MECHAN./2- OR 3-WIRE) PNP, SENSOR SUPPLY FROM U_ASI "TOTAL MAX.200MA, " 2XM12-SOCKET



Figure similar

General technical data:		
Design of the product		digital I/O modules for operation in the field, IP67 - K20
Type		4 inputs
Design of the slave type		A/B slave
I/O configuration		0
ID/ID2 code		A/2
Number I/O sockets		2
Type of electrical connection of the inputs and outputs		M12 screw-type terminals
AS interface total current input max	mA	270
operating voltage according to AS-Interface spezifikation	V	26.5 ... 31.6
Ground terminal		not available
Addressing		using M12 female connector
AS interface Connection Polarity reversal protection		built-in
Sensor supply:		
Type of voltage supply for power supply		using AS-Interface

Input voltage	V	16.5 ... 30
Property of the sensor supply Short-circuit and overload resistant		Yes
Ampacity of the sensor supply for all inputs		
• at ambient temperature 40 °C	mA	200
• at ambient temperature 55 °C	mA	150

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	6
• with signal <0> maximum	mA	1.5
Inputs sensor supply using AS-Interface		short-circuit and overload resistant
Inputs socket assignment		
• PIN 1		sensor supply L+
• PIN 2		data input 2
• PIN 3		sensor supply L-
• PIN 4		data input 1
Design of the pin assignment of the inputs		standard assignement

Outputs:

Number of digital outputs		0
Status display		
• display of I/Os		yellow LED
• display of Uaux		not required
• display of AS-Interface/diagnostics		green/red dual LED
Assignment of data bits		
• socket		PIN 4 = IN1 (D0), PIN 2 = IN2 (D1)
• socket 2		PIN 4 = IN3 (D2), PIN 2 = IN4 (D3)
• socket 3		not available
• socket 4		not available

Ambient conditions:

Ambient temperature		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +85
Protection class IP		IP67

Mechanical data:

Width	mm	20
Height	mm	108

Depth	mm	45
Mounting type		no mounting plate required

Certificates/ approvals:

AS-Interface certificate		yes
Approvals		UL and CSA requested

General Product Approval	Declaration of Conformity	Test Certificates	Shipping Approval
 CSA  UL  EAC  EG-Konf.		spezielle Prüfbescheinigungen n	 ABS

Shipping Approval	other
 BUREAU VERITAS  DNV  LRS  PRS  RMRS	 ASi

other
Bestätigungen Umweltbestätigung sonstig

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

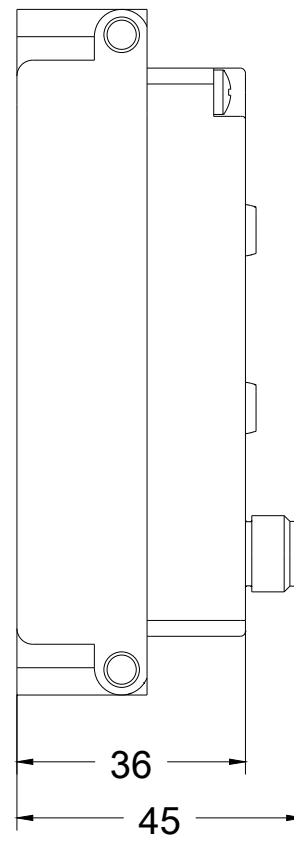
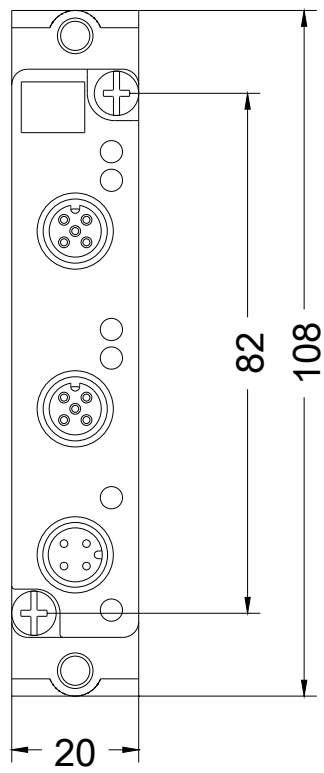
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2200-0CQ30-0AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK2200-0CQ30-0AA3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2200-0CQ30-0AA3&lang=en



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