

AS-I COMPACT MODULE K45, A/B-SLAVE, IP67, DIGITAL, 8 INPUTS, 8 X 1 INPUT, MAX. 200MA, PNP, 4 X M12-SOCKET Y-ASSIGNMENT; MOUNTING PLATE 3RK19012EA00 OR 3RK19012DA00 TO BE ORDERED SEPARATELY

Figure similar

General technical data:

Design of the product		digital I/O modules for operation in the field, IP67 - K45
Type		8 inputs
Design of the slave type		A/B slave
I/O configuration		0
ID/ID2 code		A/0
Number I/O sockets		8
Type of electrical connection of the inputs and outputs		M12 screw-type terminals
AS interface total current input max	mA	270
Total current for all inputs and outputs	mA	200
operating voltage according to AS-Interface specification	V	18 ... 31.6
Ground terminal		Using PIN5 on the M12 sockets. Outgoing via flat tab sleeve (2.8 x 0.8 mm form A)
Addressing		front double-addressing socket
AS interface Connection Polarity reversal protection		built-in
Delivery note		the modules are delivered without mounting plate
Note 2		The maximum current carrying capacity per module for all inputs and sensor supply is 200 mA

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		
<ul style="list-style-type: none"> at ambient temperature 40 °C 	mA	200
Inputs:		
Number of digital inputs		8
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		
<ul style="list-style-type: none"> for signal <1> minimum 	mA	6
<ul style="list-style-type: none"> with signal <0> maximum 	mA	1.5
Inputs sensor supply using AS-Interface		short-circuit and overload resistant
Inputs socket assignment		
<ul style="list-style-type: none"> PIN 1 PIN 2 PIN 3 PIN 4 PIN 5 		sensor supply L+ data input 2 sensor supply L- data input 1 ground terminal
Design of the pin assignment of the inputs		Y assignment
Outputs:		
Number of digital outputs		0
Outputs external power supply 24 V DC		not required
Status display		
<ul style="list-style-type: none"> display of I/Os display of Uaux display of AS-Interface/diagnostics 		yellow LED not required green/red dual LED (2 diodes)
Assignment of data bits		
<ul style="list-style-type: none"> socket socket 2 socket 3 socket 4 		PIN 4 = IN1 (D0), PIN 2 = IN2 (D1) / Addr. 1 PIN 4 = IN3 (D2), PIN 2 = IN4 (D3) / Addr. 1 PIN 4 = IN1 (D0), PIN 2 = IN2 (D1) / Addr. 2 PIN 4 = IN3 (D2), PIN 2 = IN4 (D3) / Addr. 2
Ambient conditions:		
Ambient temperature		
<ul style="list-style-type: none"> during operation 	°C	-25 ... +85
<ul style="list-style-type: none"> during storage 	°C	-40 ... +85
Protection class IP		IP67
Mechanical data:		
Width	mm	45
Height	mm	80
Depth	mm	30

Mounting type	standard rail mounting/wall mounting using mounting plate for K45 compact module
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Certificates/ approvals:

AS-Interface certificate	requested
Approvals	UL, CSA, shipbuilding requested

General Product Approval			Shipping Approval		
 CSA	 GOST	 UL	 EAC	 ABS	 DNV

Shipping Approval			other		
 LRS	 PRS	 RMRS	 ASi	Declaration of Conformity	Environmental Confirmations

other
Confirmation

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

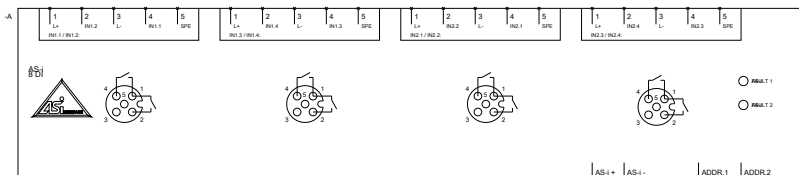
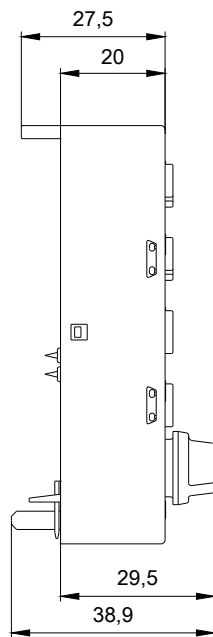
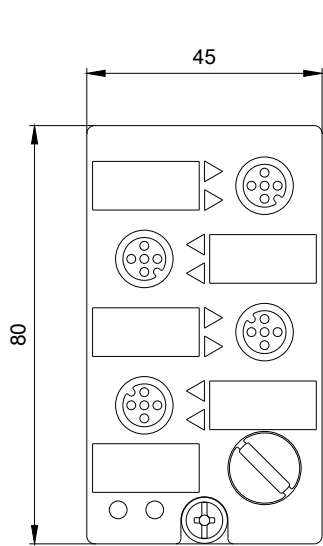
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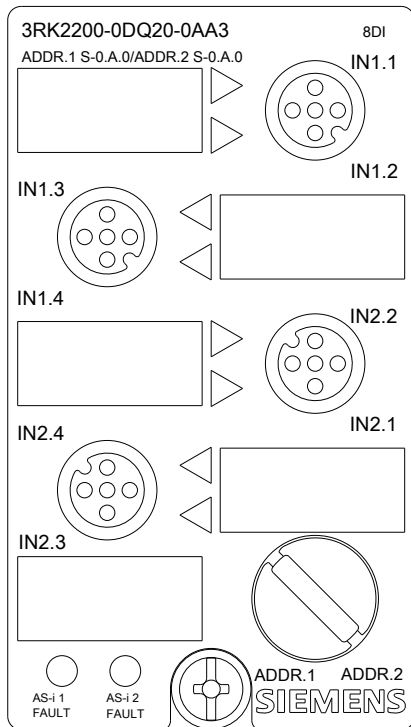
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RK22000DQ200AA3/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK22000DQ200AA3&lang=en>





last modified:

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