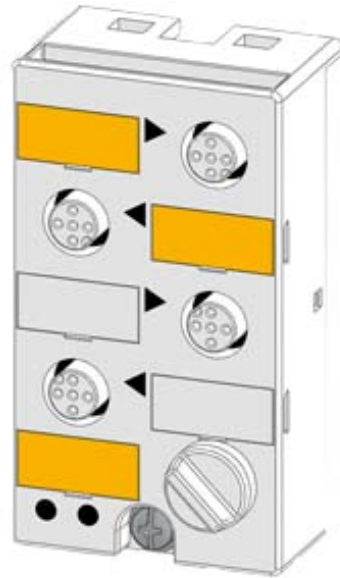


AS-INTERFACE COMPACT MOD. K45, A/B-SLAVE,DIGITAL, 2X2I, IP67, 2X2 INPUT, MAX. 200 MA, PNP 2 X M12-SOCKET Y-ASSIGNMENT MOUNTING PLATE 3RK1901-2EA00 OR 3RK1901-2DA00 TO BE ORDERED SEPARATELY



General technical data	
Design of the product	digital I/O modules for operation in the field, IP67 - K45
Type	2 x 2 inputs
Design of the slave type	A/B slave
I/O configuration	0
ID/ID2 code	A/0
Number I/O sockets	2
Type of electrical connection of the inputs and outputs	M12 screw-type terminals
AS interface total current input max	270 mA
operating voltage according to AS-Interface spezifikation	26.5 ... 31.6 V
Ground terminal	Using PIN5 on the M12 sockets. Outgoing via flat tab sleeve (2.8 x 0.8 mm form A)
Addressing	front addressing socket
AS interface Connection Polarity reversal protection	built-in
Delivery note	the modules are delivered without mounting plate
Note 1	All K45 compact modules are delivered with stainless steel screws/sockets

Sensor supply	
Type of voltage supply for power supply	using AS-Interface
Input voltage	20 ... 30 V
Property of the sensor supply Short-circuit and overload resistant	Yes
Ampacity of the sensor supply for all inputs	200 mA
<ul style="list-style-type: none"> at ambient temperature 40 °C 	

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	10 V	
Input current at digital input	6 mA 1.5 mA	
<ul style="list-style-type: none"> for signal <1> minimum with signal <0> maximum 		
Inputs sensor supply using AS-Interface	short-circuit and overload resistant	
Inputs socket assignment	sensor supply L+ data input 2 sensor supply L- data input 1 ground terminal	
<ul style="list-style-type: none"> PIN 1 PIN 2 PIN 3 PIN 4 PIN 5 		
Design of the pin assignment of the inputs		Y assignement

Outputs	
Number of digital outputs	0
Status display	yellow LED not required green/red dual LED
<ul style="list-style-type: none"> display of I/Os display of Uaux display of AS-Interface/diagnostics 	
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) not available not available PIN 4 = IN3 (D2), PIN 2 = IN4(D3)

Ambient conditions	
Ambient temperature	-25 ... +85 °C -40 ... +85 °C
<ul style="list-style-type: none"> during operation during storage 	
Protection class IP	IP67

Mechanical data

Width	45 mm
Height	80 mm
Depth	30 mm
Mounting type	standard rail mounting/wall mounting using mounting plate for K45 compact module

Certificates/approvals

AS-Interface certificate	yes
Approvals	UL, CSA, shipbuilding

General Product Approval	Declaration of Conformity	Shipping Approval
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Shipping Approval	other
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[Environmental Confirmations](#)

[Confirmation](#)

other

[Miscellaneous](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK2200-0CQ22-0AA3>

Cax online generator

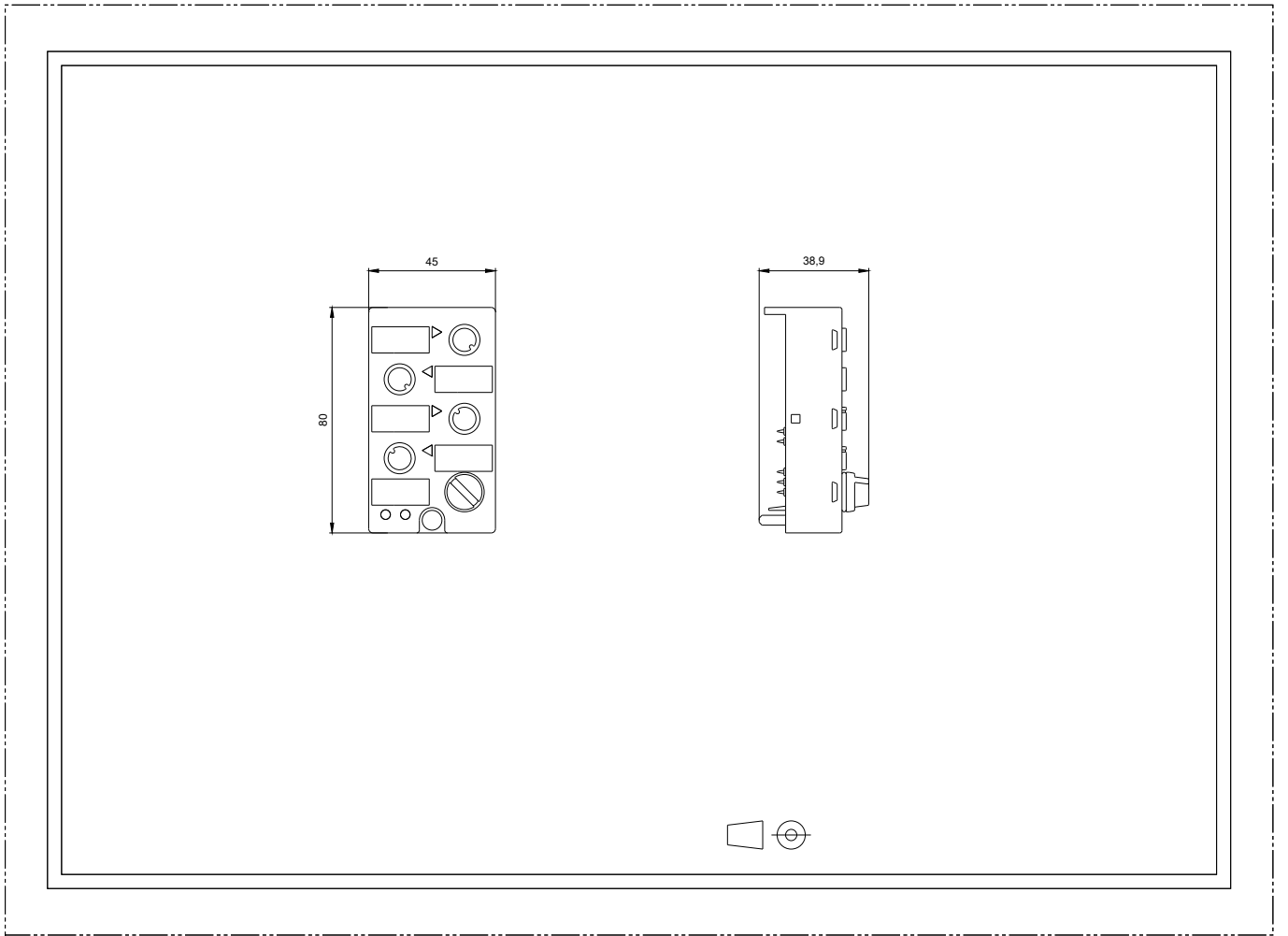
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK2200-0CQ22-0AA3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK2200-0CQ22-0AA3>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK2200-0CQ22-0AA3&lang=en



last modified:

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