

AS-INTERFACE COMP. MODULE K60,
A/B SLAVE, DIGITAL, 8E, IP 67,
8 X 1 INPUT 8 X M12 SOCK. W. Y-II ASSIGNM. SENSOR
SUPPLY FROM U_AUX MAX. TOTAL 2A MOUNTING
PLATE 3RK1901-0CA00 OR ORDER 3RK1901-0CB01
SEPARATELY

General technical data:

Design of the product		digital I/O modules for operation in the field, IP67 - K60
Type		8 inputs
Design of the slave type		A/B slave
I/O configuration		0
ID/ID2 code		A/E
Number / I/O sockets		8
Design of the electrical connection / of the inputs and outputs		M12 screw-type terminals
AS interface / total current input / max	mA	45
operating voltage • according to AS-Interface specification	V	26.5 ... 31.6
Ground terminal		PIN5 of each M12 socket is connected to the grounding wrist strap in the mounting plate using a pin
Addressing		front addressing socket
Delivery note		the modules are delivered without mounting plate
note		module requires two addresses
Note 1		All K60 compact modules are delivered with stainless steel screws/sockets

Sensor supply:

Type of voltage supply / for the sensor supply		via AUX POWER
Input voltage	V	20 ... 30
Characteristic feature of the sensor supply / short-circuit and overload resistant		Yes
Current carrying capacity / of the sensor supply / for all inputs • at ambient temperature 40 °C	A	2

Inputs:

Number of digital inputs		8
Type of connection		2- and 3-wire technology
Input circuit		PNP transistor

Type of / input voltages		DC
Inputs / switching level High / min	V	10
Input current / at the digital input		
• for signal <1> / minimum	mA	6
• at signal <0> / maximum	mA	1.5
Inputs		
• sensor supply using AS-Interface		short-circuit and overload resistant
• socket assignment		
• PIN 1		sensor supply L+
• PIN 2		data input II
• PIN 3		sensor supply L-
• PIN 4		data input I
• PIN 5		ground terminal
Design of the pin assignment / of the inputs		Y-II assignment

Outputs:

Number of digital outputs		0
Outputs / external power supply 24 V DC		not required
Outputs		
• watchdog		not required

Assignment of the data bits:

Assignment of data bits		
• socket		PIN 4 = IN1 (D0) (addr. 1), PIN 2 = IN2 (D1) (addr. 1)
• socket 2		PIN 4 = IN2 (D1) (addr. 1)
• socket 3		PIN 4 = IN3 (D2) , PIN 2 = IN4 (D3)
• socket 4		PIN 4 = IN4 (D3) (addr. 1)
• socket 5		PIN 4 = IN1 (D0) (addr. 2), PIN 2 = IN2 (D1) (addr. 2)
• socket 6		PIN4 = IN2 (D1) (addr. 2)
• socket 7		PIN4 = IN3 (D2) (addr. 2), PIN2 = IN4 (D3) (addr. 2)
• socket 8		PIN4 = IN4 (D3) (addr. 2)

Ambient conditions:

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

Status display:

Status display / display of I/Os		yellow LED
Status display / display of Uaux		not required

Status display / display of AS-Interface/diagnostics		green/red LED
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Mechanical design:		
Width	mm	60
Height	mm	152
Depth	mm	29
Mounting type		standard rail mounting/wall mounting using mounting plate for K60 compact module

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



Shipping Approval



other

[Confirmation](#)

[Declaration of
Conformity](#)

[other](#)

[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/industrial-controls/mall>

CAX-Online-Generator

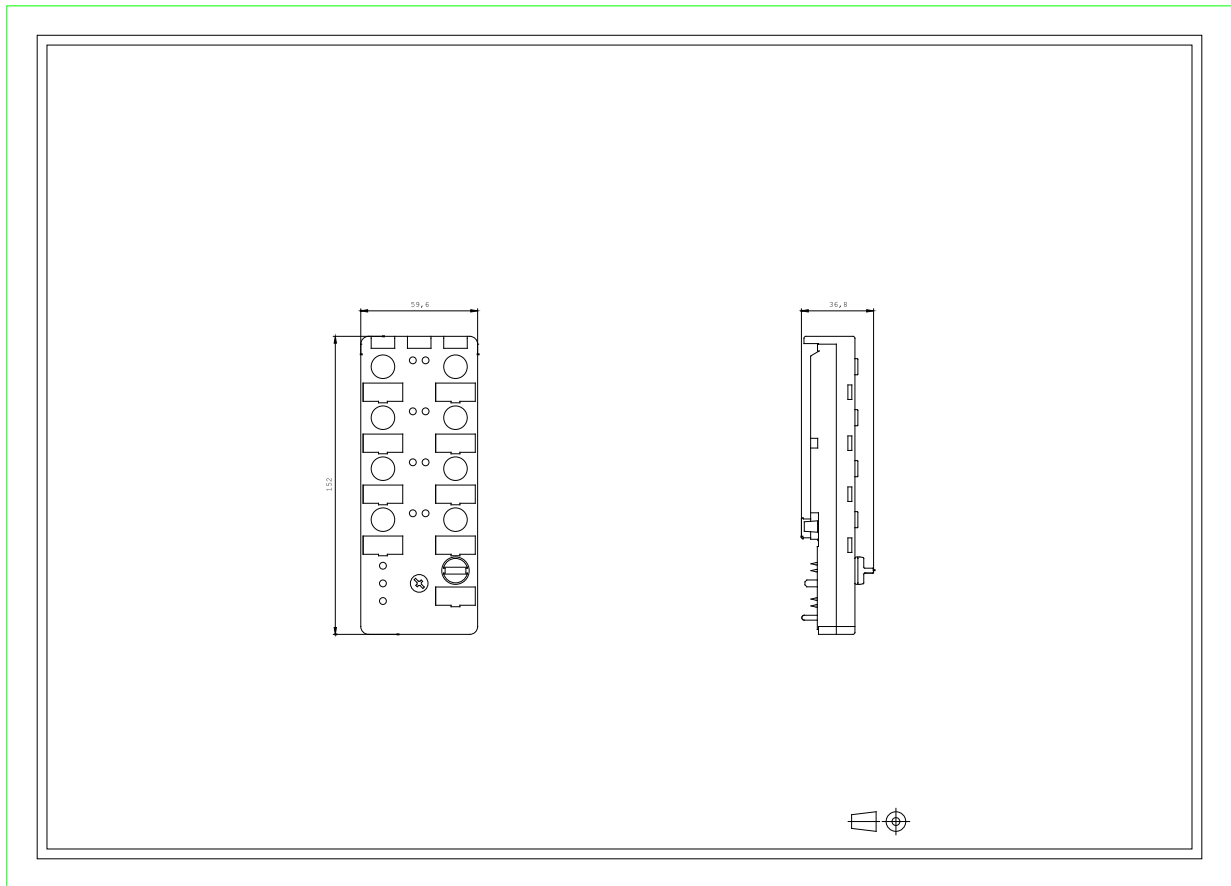
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RK2200-1DQ00-1AA3/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK2200-1DQ00-1AA3



last change:

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