

AS-I COMPACT MODULE K60, IP67,
A/B-SLAVE (SPEC 3.0), DIGITAL, 4DI/4DO,
4X INPUT FOR SENSOR (MECHAN., 2-WIRE, 3-WIRE),
PNP,
SENSOR SUPPLY FROM U_ASI MAX. TOTAL 200MA;
4 X OUTPUT OUTPUT SUPPLY DC 24V;
8 X M12-SOCKET Y-II-ASSIGNMENT;
MOUNTING PLATE 3RK19010CA00 TO BE ORDERED
SEPARATELY

General technical data:		
Design of the product		digital I/O modules for operation in the field, IP67 - K60
Type		4 inputs / 4 outputs
Design of the slave type		A/B slave (Spec. 3.0)
I/O configuration		7
ID/ID2 code		A/7
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	270
operating voltage	V	26.5 ... 31.6
• according to AS-Interface spezifikation		
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 1		All K60 compact modules are delivered with stainless steel screws/sockets
Note 2		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 the sensor supply		using AS-Interface
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	mA	200

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

Outputs:		
Number of digital outputs		4
Type of voltage / of the outputs		DC
Outputs / external power supply 24 V DC		using black AS-Interface flat cable
Output current / at the digital output / for signal <1> / nominal value	A	2
Outputs / aggregate current / max	A	4
Design of the switching output		PNP transistor
Design of the pin assignment / of the outputs		Y-II assignment
Outputs / socket assignment		3 = "-", 2/4 = output, 5 = ground terminal
Characteristic feature of the output / short-circuit protected		Yes
Outputs - short-circuit protection - induction protection		built-in built-in

- watchdog

built-in

Assignment of the data bits:

Assignment of data bits

- socket
- socket 2
- socket 3
- socket 4
- socket 5
- socket 6
- socket 7
- socket 8

PIN 4 = IN1 (D0), PIN 2 = IN2 (D1)
 PIN 4 = IN2 (D1)
 PIN 4 = IN3 (D2) , PIN 2 = IN4 (D3)
 PIN 4 = IN4 (D3)
 PIN4 = OUT1 (D0), PIN2 = OUT2 (D1)
 PIN4 = OUT2 (D1)
 PIN4 = OUT3 (D2), PIN2 = OUT4 (D3)
 PIN4 = OUT4 (D3)

Ambient conditions:

Ambient temperature

- during operating
- during storage

°C -25 ... +85
 °C -40 ... +85

Protection class IP

IP67

Status display:

Status display / display of I/Os

yellow LED

Status display / display of Uaux

green LED

Status display / display of AS-Interface/diagnostics

green/red LED

Mechanical design:

Width

mm 60

Height

mm 152

Depth

mm 29

Type of mounting

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



CSA



GOST



UL

Shipping Approval



ABS



DNV



LRS



PRS



RMRS

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

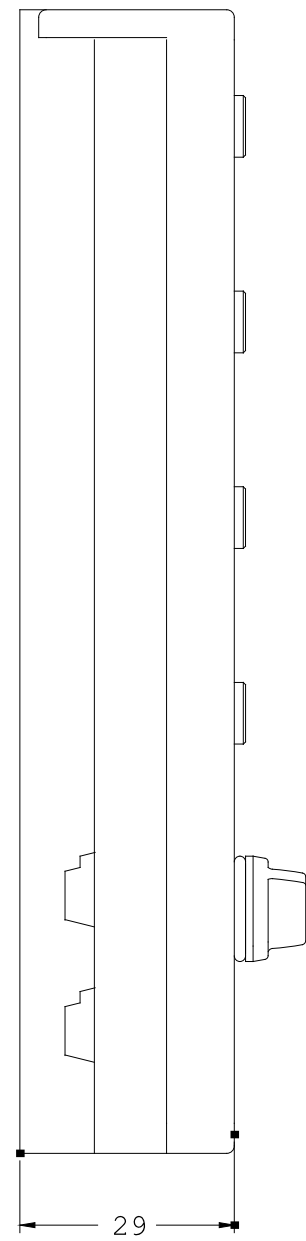
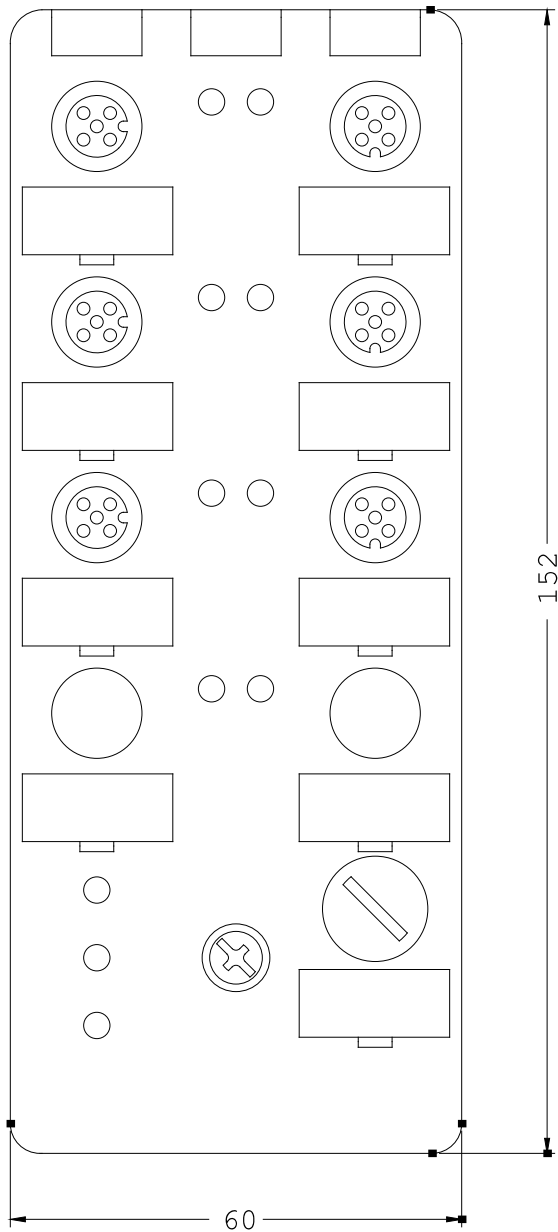
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3RK2400-1DQ00-0AA3/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK2400-1DQ00-0AA3



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