



AS-i load feeder module Phased-out product !!! For further information, please contact our sales department 2 inputs, 1 output, 24 V DC for busbar system 40 + 60 mm

General technical data		
design of the product		load feeder modules, IP20
Type		2 inputs / 1 output
design of the slave type		standard slave
I/O configuration		3
ID code		F
Current consumption AS-Interface	mA	8 ... 12
Addressing		the module retains the last address after the 15th addressing procedure
type of electrical connection of the inputs and outputs		spring-loaded terminals
Inputs		
number of digital inputs		2
type of connection technology		insulation displacement terminals
type of voltage of the input voltages		DC
input voltage	V	26.5 ... 31.6
input current at digital input for signal <1> minimum	mA	6
Inputs		
• polarity reversal protection		built-in
• cable length between IN and one of the inputs max	m	0.4
design of the pin assignment of the inputs		2-conductor
Outputs		
number of digital outputs		1
type of voltage of output voltages		DC
Outputs aggregate current thermal I _{th}	A	2
type of switching output		PNP transistor
property of the output short-circuit proof		Yes
Outputs		
• short-circuit protection		built-in
• induction protection		built-in
• watchdog		built-in
• polarity reversal protection		built-in
• power supply external I _e		DC 24
• current carrying capacity		0.5 A (DC-13 / DC-14)
Status display display of AS-Interface/diagnostics		auxiliary voltage present AS-Interface communication OK AS-Interface communication faulty Station address = 0 (module not addressed)
Ambient conditions		
ambient temperature		
• during operation	°C	0 ... 55
• during storage	°C	-40 ... +85
protection class IP		IP20

Mechanical data

width	mm	45
fastening method		DIN rail
Connections conductor cross-sections		
• connector for AS-Interface and auxiliary power		0.5 ... 0.75 mm ² (flexible)
• spring-loaded terminal connection for I/O wiring		0.8 ... 2.5 mm ² (flexible without end sleeves)
• power connector 5-pole		0.5 ... 2.5 mm ² AWG 28 ... 12
• PE/neutral conductor wiring at the support		2.5 mm ² flexible AWG 13

Certificates/ approvals

General Product Approval	EMV
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[Confirmation](#)



Test Certificates	Marine / Shipping	other	Environment
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[Special Test Certificate](#)



[Confirmation](#)

[Miscellaneous](#)

[Environmental Confirmations](#)

Industrial Communication



Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1400-1KG01-0AA1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1400-1KG01-0AA1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1400-1KG01-0AA1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1400-1KG01-0AA1&lang=en

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