SIEMENS

Data sheet 6MF2811-1AA00



Figure similar

DI-8111 BINARY INPUT 2X8,48-60VDC, 1MS

General technical data	
consumed active power / rated value / maximum	130 mW
surge voltage / rated value	4 kV
surge voltage resistance	5 kV
Model	
design of the product	digital input module
Measuring functions	
sampling interval	1 ms
Supply voltage	
supply voltage / at DC / rated value	4.75 ... 5.5 V
type of voltage / of the supply voltage	DC
Inputs / Outputs	
number of isolated input groups	2
number of digital inputs	16
input voltage / at DC / per input	48 ... 60 V
input voltage / per input	36 ... 78 V
consumed current / per input	0.5 ... 2.5 mA
product feature / galvanic isolation of the inputs	Yes
Mechanical Design	
width	30 mm
height	132 mm
depth	124 mm
product feature / conformal coating	No
fastening method / DIN-rail mounting	Yes
fastening method / wall mounting	No
fastening method / rack mounting	No
type of electrical connection	screw terminal
connectable conductor cross-section	0.33 ... 2.5 mm²
product feature / plug-in terminal blocks	Yes
product function / with function display	Yes
product function / status display	No
Degree of protection / protection class	
operating resource protection class	II
degree of pollution	2
protection class IP / on the front	IP40
Environmental conditions	
ambient temperature / during operation	-40 ... +70 °C
ambient temperature / during storage	-30 ... +85 °C

Subject to change without notice
© Copyright Siemens

relative humidity	5 ... 95 %
air pressure / maximum	106 kPa

Approval certification

certificate of suitability / CE marking	Yes
certificate of suitability / UL approval	Yes

Further information

Siemens is working on the renewal of the current EAC certificates.
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information- and Downloadcenter (catalogues, leaflets,...)
https://www.siemens.com/energy-automation

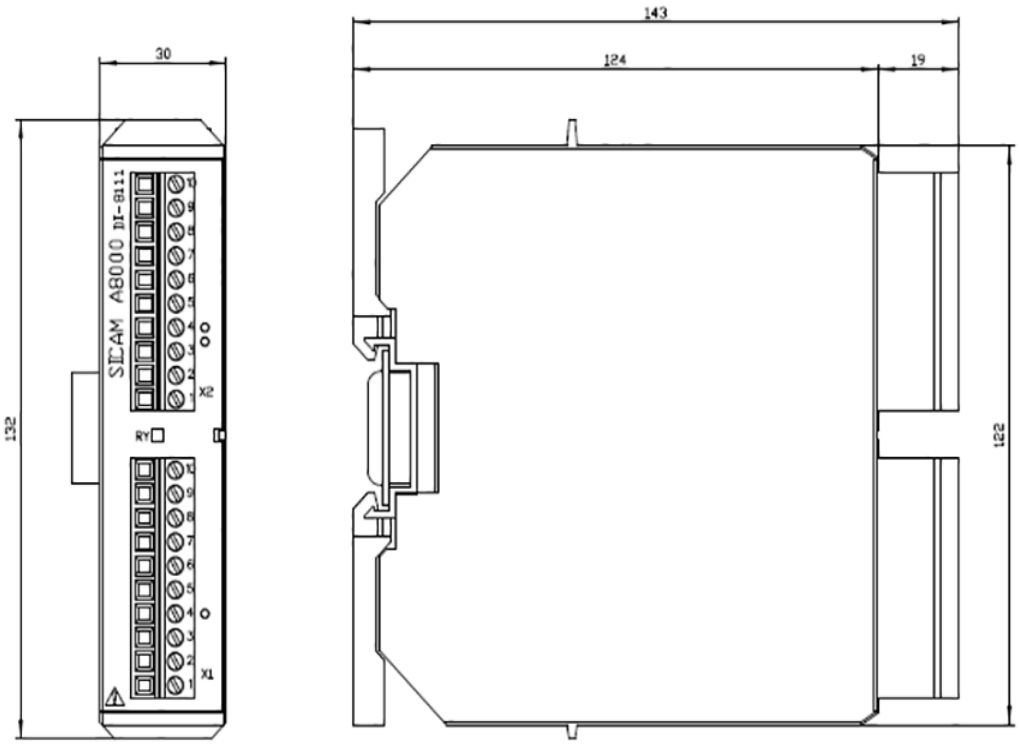
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=6MF2811-1AA00

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/6MF2811-1AA00

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6MF2811-1AA00

Tender specifications
https://www.siemens.com/specifications

Power Academy - Your training and consulting partner in the area of power transmission and distribution
https://www.siemens.com/poweracademy



© Copyright Siemens