SIEMENS

Data sheet 6MF2821-2AA00



Figure similar

DO-8212 DIG OUTP REL 8X24-220VDC/230VA

General technical data	
consumed active power / rated value / maximum	800 mW
surge voltage / rated value	4 kV
surge voltage resistance	5 kV
product function / secured command output	Yes
Model	
design of the product	digital output module
Measuring functions	
sampling interval	10 ms
Supply voltage	
supply voltage / at DC / rated value	4.75 ... 5.5 V
Inputs / Outputs	
number of isolated output groups	4
design of the digital output	relais
type of voltage / at digital output	AC/DC
voltage / at AC / at 50 Hz / per output	110 ... 230 V
voltage / at DC / per output	24 ... 220 V
switching capacity apparent power / at AC / at 50 Hz	0 ... 1 250 VA
switching capacity active power / at DC	30 ... 150 W
product function / galvanic isolation of the outputs	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	0.5 ... 2.5 mm²
material / of the enclosure	plastic
product feature / plug-in terminal blocks	Yes
product function / status display	Yes
Degree of protection / protection class	
operating resource protection class	II
degree of pollution	2
protection class IP / on the front	IP40
Environmental conditions	

Subject to change without notice
© Copyright Siemens

ambient temperature / during operation	-40 ... +70 °C
ambient temperature / during storage	-30 ... +85 °C
relative humidity	5 ... 95 %
mounting height in relation to mean sea level / maximum	3 000 m
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

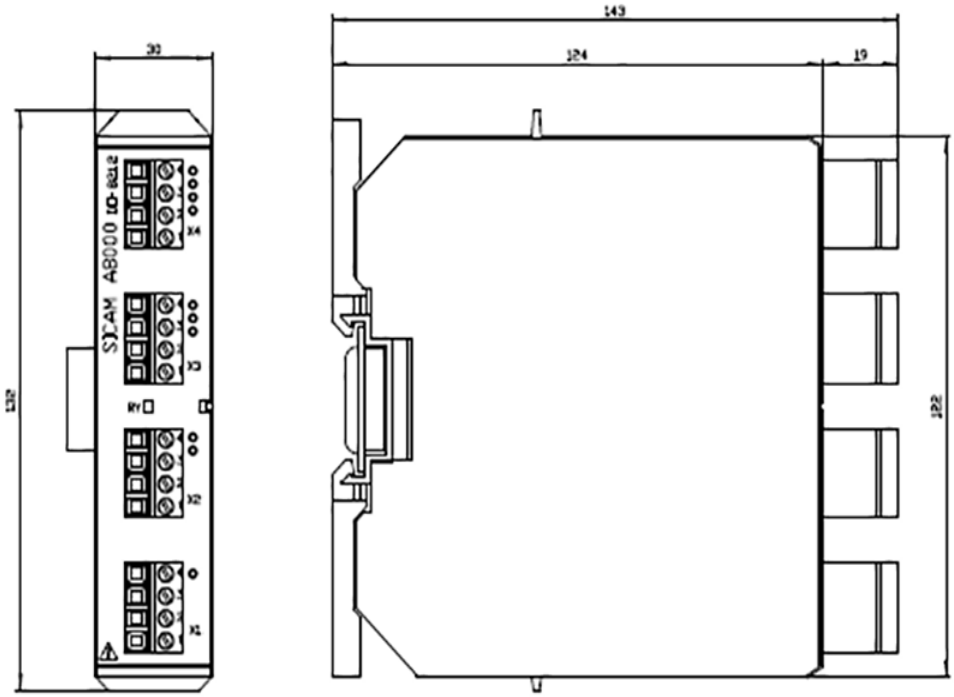
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=6MF2821-2AA00

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/6MF2821-2AA00

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6MF2821-2AA00

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



Subject to change without notice
© Copyright Siemens