

DI-8112 BINARY INPUT 2X8, 110VDC, 1MS



Figure similar

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	110 ... 110 V
input voltage / per input	82.5 ... 143 V

consumed current / per input	0.4 ... 1.4 mA
product feature / galvanic isolation of the inputs	Yes

Mechanical Design

width	30 mm
height	132 mm
depth	124 mm
fastening method / standard rail mounting	Yes
fastening method / wall mounting	No
fastening method / rack mounting	No
type of electrical connection	screw-type terminals
connectable conductor cross-section	0.33 ... 2.5 mm ²
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
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

Information- and Downloadcenter (catalogues, leaflets,...)

<http://www.siemens.com/energy-automation>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=6MF2811-2AA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/6MF2811-2AA00>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6MF2811-2AA00

Tender specifications

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

