



Figure similar

AI-8511 ANALOG INPUT (3XU(LOPO),3XI(LOPO))

| General technical data                                  |                              |
|---|------------------------------|
| consumed active power / rated value / maximum           | 800 mW                       |
| surge voltage / rated value                             | 2 kV                         |
| Inputs / Outputs  |                              |
| number of analog inputs                                 | 6                            |
| design of analog input / configurable                   | No                           |
| A/D resolution / at the analog input                    | 16 bit                       |
| input variable / at the analog input / current signal   | Yes                          |
| input variable / at the analog input / voltage          | Yes                          |
| output quantity / at analog output / current signal     | No                           |
| output quantity / at analog output / voltage            | No                           |
| Mechanical Design                                       |                              |
| width   | 30 mm                        |
| height  | 132 mm                       |
| depth   | 124 mm                       |
| fastening method / DIN-rail mounting                    | Yes                          |
| fastening method / wall mounting                        | No                           |
| fastening method / rack mounting                        | No                           |
| type of electrical connection                           | screw connection             |
| connectable conductor cross-section                     | 0.33 ... 2.5 mm <sup>2</sup> |
| material / of the enclosure                             | plastic                      |
| 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 %                   |
| 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                          |
| 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).

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**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=6MF2851-1AA00>

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

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=6MF2851-1AA00](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6MF2851-1AA00)

**Tender specifications**

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