

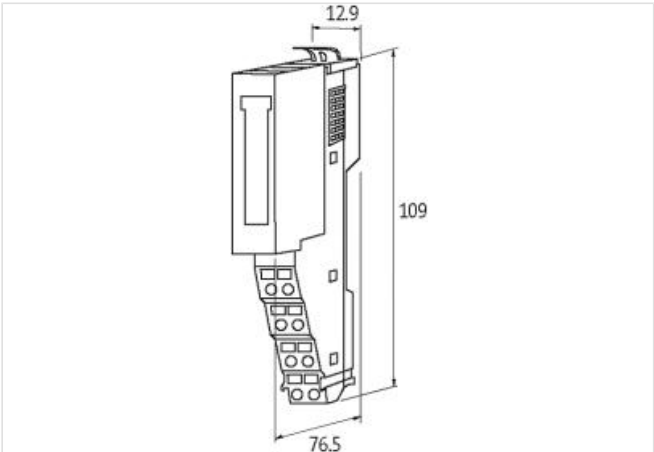
CUBE20S SAFETY INPUT MODULE F DI4/2

DC24V

Cube20S FDI4/2  
Expansion module  
PROFIBUS  
PROFINET

Link do produto

Ilustração



Produto pode diferir da imagem



Dados comerciais

|                          |               |
|--------------------------|---------------|
| ECLASS-6.0               | 27242604      |
| ECLASS-6.1               | 27242604      |
| ECLASS-7.0               | 27242604      |
| ECLASS-8.0               | 27242604      |
| ECLASS-9.0               | 27242604      |
| ECLASS-10.1              | 27242604      |
| ECLASS-11.1              | 27242604      |
| ECLASS-12.0              | 27242604      |
| ETIM-5.0                 | EC001599      |
| Classificação fiscal     | 85389099      |
| GTIN                     | 4048879424073 |
| Quantidade por embalagem | 1             |

Safety codes

|                                    |            |
|------------------------------------|------------|
| DCavg (EN ISO 13849-1)             | 99 %       |
| Service life                       | 20 a       |
| Category (EN ISO 13849-1)          | 4          |
| PFHd (IEC 61508)                   | 2,5 E-10/h |
| Performance level (EN ISO 13849-1) | e          |
| SIL (IEC 61508)                    | 3          |
| SIL CL (IEC 62061)                 | 3          |

As informações contidas nesta folha de dados foram elaboradas com o máximo cuidado.  
A falta de integridade, exatidão e atualização das informações é considerada negligência grave. versão: 12/05/2024

**Electrical data | Supply**

|                          |                       |
|--------------------------|-----------------------|
| Norm operating voltage   | EN 61131-2            |
| Operating voltage US DC  | 24 V                  |
| Current consumption max. | 95 mA                 |
| module supply            | via system connection |

**Electrical data | Input**

|                                |                  |
|--------------------------------|------------------|
| Type input                     | PNP (EN 61131-2) |
| Input filter time              | 3 ms             |
| Current carrying capacity max. | 0,5 A            |

**Diagnostics**

|                         |                                  |
|-------------------------|----------------------------------|
| Diagnostic via BUS      | per module and channel           |
| Diagnostic via LED      | per module and channel           |
| Short circuit diagnosis | yes                              |
| LED display             | Ethernet connection/data traffic |
| Overload diagnosis      | yes                              |

**Device protection | Electrical**

|                                         |      |
|-----------------------------------------|------|
| Degree of protection (EN IEC 60529)     | IP20 |
| Galvanic separation (operating voltage) | yes  |
| Galvanic separation input/input         | yes  |

**Mechanical data | Mounting data**

|                            |                           |
|----------------------------|---------------------------|
| Mounting method            | geschnappt                |
| Suitable for mounting type | mounting rail, (EN 60715) |
| Height                     | 109 mm                    |
| Width                      | 12,9 mm                   |
| Depth                      | 76,5 mm                   |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | 0 °C   |
| Operating temperature max. | 60 °C  |
| Storage temperature min.   | -20 °C |
| Storage temperature max.   | 70 °C  |

**Connection type 2**

|                          |                           |
|--------------------------|---------------------------|
| Connection type 1        | Power                     |
| Connection type 2        | Power                     |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | yellow                    |
| No. of poles             | 8                         |
| PIN 1                    | n.c.                      |
| PIN 2                    | 24 V DC                   |
| PIN 3                    | 0 V                       |
| PIN 4                    | 24 V DC Sys               |
| PIN 5                    | n.c.                      |
| PIN 6                    | 24 V DC                   |
| PIN 7                    | 0 V                       |
| PIN 8                    | 0 V Sys                   |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | yellow                    |
| No. of poles             | 8                         |

|       |      |
|-------|------|
| PIN 1 | DI 0 |
| PIN 2 | DI 2 |
| PIN 3 | T 0  |
| PIN 4 | T 2  |
| PIN 5 | DI 1 |
| PIN 6 | DI 3 |
| PIN 7 | T 1  |
| PIN 8 | T 3  |