



## General information

### Product function

- Location identifier Yes

## FH technology

### Safety evaluation through direct wiring

- Reconnection without emergency stop circuit interruption Yes
- Monitoring the STOP button Yes

## Supply voltage

|                                     |         |
|-------------------------------------|---------|
| Type of supply voltage              | 24 V DC |
| permissible range, lower limit (DC) | 20.4 V  |
| permissible range, upper limit (DC) | 28.8 V  |

## Input current

|                                   |       |
|-----------------------------------|-------|
| Current consumption (rated value) | 0.5 A |
|-----------------------------------|-------|

## Power

|                          |      |
|--------------------------|------|
| Active power input, typ. | 12 W |
|--------------------------|------|

## Interfaces

|   |  |
|---|--|
| Interfaces/bus type   | Ethernet   |
| Number of industrial Ethernet interfaces  | 2; RJ45 not for interface boxes of mobile panels   |
| Connection point identification   | Yes  |
| <b>Industrial Ethernet</b>  |  |
| <ul style="list-style-type: none"> <li>Industrial Ethernet interface</li> </ul>   | 2x Fast Ethernet   |
| <ul style="list-style-type: none"> <li>Industrial Ethernet status LED</li> </ul>  | 6  |
| <b>Standards, approvals, certificates</b>   |  |
| CE mark   | Yes  |
| CSA approval  | No   |
| UL approval   | No   |
| cULus   | Yes  |
| RCM (formerly C-TICK)   | Yes  |
| EAC (formerly Gost-R)   | No   |
| Marine approval   | No   |
| <b>Use in hazardous areas</b>   |  |
| <ul style="list-style-type: none"> <li>ATEX Zone 2</li> </ul>   | No   |
| <ul style="list-style-type: none"> <li>ATEX Zone 22</li> </ul>  | No   |
| <ul style="list-style-type: none"> <li>FM Class I Division 2</li> </ul>   | No   |
| <b>Ambient conditions</b>   |  |
| <b>Ambient temperature during operation</b>   |  |
| <ul style="list-style-type: none"> <li>Operation (vertical installation) <ul style="list-style-type: none"> <li>— For vertical installation, min.</li> <li>— For vertical installation, max.</li> </ul> </li> </ul> | 0 to +50 °C<br>0 °C<br>50 °C   |
| <b>Ambient temperature during storage/transportation</b>  |  |
| <ul style="list-style-type: none"> <li>min.</li> <li>max.</li> </ul>  | -20 °C<br>70 °C  |
| <b>Relative humidity</b>  |  |
| <ul style="list-style-type: none"> <li>Operation, max.</li> </ul>   | 85 %   |
| <b>Dimensions</b>   |  |
| Width   | 230 mm   |
| Height  | 120 mm   |
| Depth   | 80 mm  |
| <b>Weights</b>  |  |
| Weight (without packaging)  | 0.5 kg   |
| <b>Other</b>  |  |
| free hotline  | Yes  |
| <b>Usable in the following products</b>   |  |
| <ul style="list-style-type: none"> <li>Product 1</li> <li>Product 2</li> <li>Product 3</li> </ul>   | <a href="#">6AV6645-0BA01-0AX0</a><br><a href="#">6AV6645-0BB01-0AX0</a><br><a href="#">6AV6645-0BC01-0AX0</a> |

- Product 4
- Product 5

[6AV6645-0BE02-0AX0](#)

6AV6645-0C\*

**last modified:**

10/13/2020