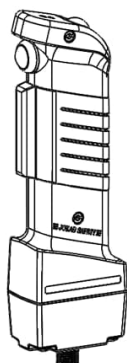


## PRODUCT-DETAILS

# JSHD4-2-AD

## JSHD4-2-AD Enabling Switch



### General Information

|                       |                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------|
| Extended Product Type | JSHD4-2-AD                                                                                                |
| Product ID            | 2TLA019995R0400                                                                                           |
| EAN                   | 7350024453386                                                                                             |
| Catalog Description   | JSHD4-2-AD Enabling Switch                                                                                |
| Long Description      | Three-position device. Top part with LEDs, front button and top button. Bottom part with M12-8 connector. |

### Additional Information

|                  |                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------|
| Product Name     | Three-position handheld device - Complete                                                                         |
| Function         | Three-position device used to allow a limited movement of the machine when the operator is in the dangerous area. |
| Sub-Function     | 1 front and 1 top auxiliary buttons                                                                               |
| Status Indicator | Yes                                                                                                               |

### Safety Information

|                        |                                                                                  |
|------------------------|----------------------------------------------------------------------------------|
| Performance Level (PL) | Up to e                                                                          |
| B10d Value             | 2 million operations to middle position<br>968 000 operations to bottom position |

### Technical

| Communication Interface                   | Contacts                                                                                                                                                                                                                                                                                       |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connection Configuration                  | M12-8 male                                                                                                                                                                                                                                                                                     |
| Number of Contacts CO                     | 2                                                                                                                                                                                                                                                                                              |
| Number of Contacts NC                     | 0                                                                                                                                                                                                                                                                                              |
| Number of Contacts NO                     | 0                                                                                                                                                                                                                                                                                              |
| Maximum Switching Current                 | Main Circuit 0.02 mA                                                                                                                                                                                                                                                                           |
| Maximum Switching Voltage                 | Main Circuit 30 V                                                                                                                                                                                                                                                                              |
| Minimum Switching Capacity                | Main Circuit 8 mA, 10 VDC                                                                                                                                                                                                                                                                      |
| Rated Operational Current DC-12 ( $I_e$ ) | (24 V) 0.02 A                                                                                                                                                                                                                                                                                  |
| Rated Operational Voltage                 | 24 V DC                                                                                                                                                                                                                                                                                        |
| Technical Information                     | Operating force: Approx. 15 N for three-position button (ON), Approx. 45 N for three-position button (OFF), Approx. 2.5 N for top/front pushbutton;<br>Mechanical service life: 1 million cycles, top to middle position, 100 000 cycles, middle to bottom position, and top/front push button |

## Environmental

|                         |                                               |
|-------------------------|-----------------------------------------------|
| Degree of Protection    | IP65                                          |
| Ambient Air Temperature | Operation -10 ... +70 °C                      |
| Material                | Handle: Polyamide and Noryl; Rubber: Neoprene |

## Technical UL/CSA

|                       |   |
|-----------------------|---|
| Enclosure Type UL/CSA | 1 |
|-----------------------|---|

## Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 2TLC010001C0202 |
| Instructions and Manuals          | 2TLC172072M0201 |

## Certificates and Declarations (Document Number)

|                                |                 |
|--------------------------------|-----------------|
| CSA Certificate                | 2TLC172086D0201 |
| Declaration of Conformity - CE | 2TLC172022D0201 |
| Instructions and Manuals       | 2TLC172072M0201 |
| SEMKO Certificate              | 2TLC172032D0201 |

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 34 mm    |
| Product Net Depth / Length | 60 mm    |
| Product Net Height         | 200 mm   |
| Product Net Weight         | 0.311 kg |

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**Ordering**

|                        |             |
|------------------------|-------------|
| Minimum Order Quantity | 1 piece     |
| Country of Origin      | Sweden (SE) |
| Customs Tariff Number  | 85369095    |

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**Classifications**

|                            |                             |
|----------------------------|-----------------------------|
| Object Classification Code | B                           |
| ETIM 6                     | EC002571 - Agreement switch |
| ETIM 7                     | EC002571 - Agreement switch |
| eClass                     | V11.0 : 27371238            |

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**Categories**

Low Voltage Products and Systems → Control Products → Safety Products → Safety Control Devices

