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**JUMO Instrument Co. Ltd.**

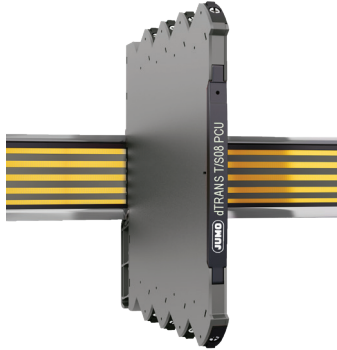
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Data Sheet 707189



## JUMO dTRANS T/S08 PCU

### Power connector unit for dTRANS T/S08 XX

**707189 (TN: 00697612)**

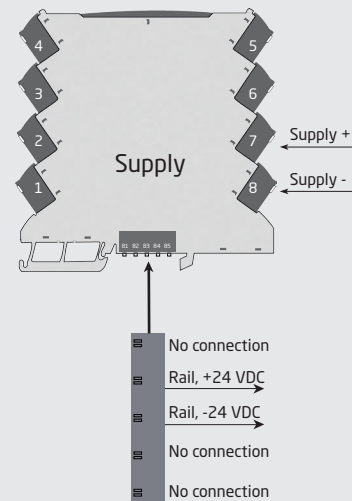
- Slimline housing of 6 mm
- Supplies DIN rail from supply terminals
- Can pass up to 2.5 A
- Up to 100 units can be powered

**Application**

- Power can be connected to the DIN rail from supply terminals.
- Alternatively a powered DIN rail can supply power to the terminals.
- Installation in ATEX Ex zone 2 / IECEx zone 2.
- Suitable for environments with high vibration stress, e.g. ships.

**Technical characteristics**

- JUMO dTRANS T/S08 PCU can pass up to 2.5 A
- With JUMO dTRANS T/S08 PCU, up to 115 units can be powered (85 units for JUMO dTRANS T08 11, T08 12 & T08 13).

**Applications**

## Order

| Type   | Product name          | Description                               | Part no./TN (order code) |
|--------|-----------------------|-------------------------------------------|--------------------------|
| 707189 | JUMO dTRANS T/S08 PCU | Power connector unit for dTRANS T/S 08 XX | 00697612                 |

## Environmental Conditions

Operating temperature ..... -25°C to +70°C  
Relative humidity ..... < 95% RH (non-cond.)  
Protection degree ..... IP20

## Mechanical specifications

Dimensions (HxWxD) ..... 113 x 6.1 x 115 mm  
Weight approx ..... 65 g  
DIN rail type ..... DIN EN 60715/35 mm  
Wire size ..... 0.13 x 2.5 mm<sup>2</sup> stranded wire  
Screw terminal torque ..... 0.5 Nm  
Vibration ..... IEC 60068-2-6  
2...25 Hz ..... ±1.6 mm  
25...100 Hz ..... ±4 g

## Common specifications

### Supply

Supply voltage ..... 16.8...31.2 VDC  
Internal power dissipation ..... 0.25 W (max.)

Required external fuse ..... 2.5 A

## I.S. / Ex marking

ATEX ..... II 3 G Ex nA IIC T4 Gc  
IECEX ..... Ex nA IIC T4 Gc

## Observed authority requirements

EMC ..... 2014/30/EU  
LVD ..... 2014/35/EU

## Approvals

ATEX 2014/34/EU ..... DEKRA 18ATEX0007 X  
IECEX ..... DEK 18.0006 X  
UL ..... E201387  
DNV-GL Marine ..... DNVGL-CG-0339

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Data Sheet 707189



## Power rail profile 7.5 mm / 750 mm

**707189 (TN: 00697614)**

– Mounting and supply of devices in the JUMO dTRANS T/S08 series

**Description**

- The power rail is delivered with cover and 2 end covers - 1 right-hand and 1 left-hand.

**Dimensions**

- 35 x 7.5 mm (W x D).

**Technical characteristics**

- Power rail profile (7.5 mm / 750 mm)

## Order

| Type   | Product name       | Description                          | Part no./TN (order code) |
|--------|--------------------|--------------------------------------|--------------------------|
| 707189 | Power rail profile | Power rail profile (7.5 mm / 750 mm) | 00697614                 |

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Data Sheet 707189



## Screwable module stop for rail profile

**707189 (TN: 00697615)****Application**

- To be screwed onto a power rail or a DIN rail to support and hold mounted devices.

**Dimensions**

- 56 x 12 x 63 mm (H x W x D).

**Material**

- Plastic.

## Order

| Type   | Product name | Description                            | Part no./TN (order code) |
|--------|--------------|----------------------------------------|--------------------------|
| 707189 | Module stop  | Screwable module stop for rail profile | 00697615                 |

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Data Sheet 707189



## BD 08 14

### Display/programming front for dTRANS T08 14

### 707189 (TN: 00697616)

- Modification of operational parameters in JUMO dTRANS T08 14
- Fixed display for visualisation of process data and status
- Password protection
- Scrolling help text in 7 languages
- Clicks on to the front of the device mounted in the process

**Application**

- Communications interface for modification of operational parameters in JUMO dTRANS T08 14.
- Can be moved from one device to another of the same type and download the configuration of the first device to subsequent devices.
- Fixed display for visualization of process data and status.

**Technical characteristics**

- LCD display with 4 lines featuring scrolling help text in 7 languages which guides the user effortlessly through all the configuration steps.
- Programming access can be blocked by assigning a password. The password is saved in the device in order to ensure a high degree of protection against unauthorized modifications to the configuration.

**Mounting / installation**

- Click BD 08 14 onto the DS 08 14 Docking station for BD 08 14.
- The display module BD 08 14 is approved and certified as an add-on component to JUMO dTRANS T08 14. For more information on BD 08 14 refer to the manual of JUMO dTRANS T08 14.

## Order

| Type   | Product name | Description                                    | Part no./TN (order code) |
|--------|--------------|------------------------------------------------|--------------------------|
| 707189 | BD 08 14     | Display/programming front<br>for dTRANS T08 14 | 00697616                 |

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Data Sheet 707189

## DS 08 14

### Docking station for BD 08 14

### 707189 (TN: 00697617)



- Docking station for the BD 08 14 (TN: 00697616) Display/programming front
- Handheld adaptor for programming the JUMO dTRANS T08 14 universal transmitter via the BD 08 14 (TN: 00697616) Display/programming front

**Application**

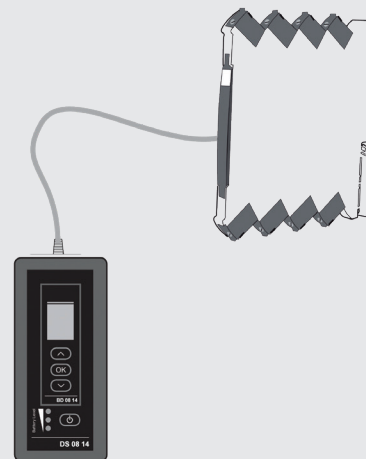
- The Docking station for BD 08 14 (TN: 00697617) is used along with the Display/programming front for dTRANS T08 14 (TN: 00697616).
- DS 08 14 works standalone in adaptor mode for programming a JUMO dTRANS T08 14 unit.

**Technical characteristics**

- The included USB-B to a 2.5 mm jack cable must be used for connecting to a JUMO dTRANS T08 14.
- 3 x 1.5 V AAA batteries must be inserted for powering the DS 08 14 in adaptor mode.
- Indication of battery level is displayed via the 3 green front LEDs.
- The DS 08 14 will automatically detect if it is not in use, and will consequently shut itself down to conserve battery power.
- Battery life in adaptor mode is approximately 1 year of daily use, depending upon battery type.

**Applications**

**Connection of DS 08 14 to a JUMO dTRANS T08 14 device in adaptor mode:**



## Order

| Type   | Product name | Description                     | Part no./TN (order code) |
|--------|--------------|---------------------------------|--------------------------|
| 707189 | DS 08 14     | Docking station for<br>BD 08 14 | 00697617                 |