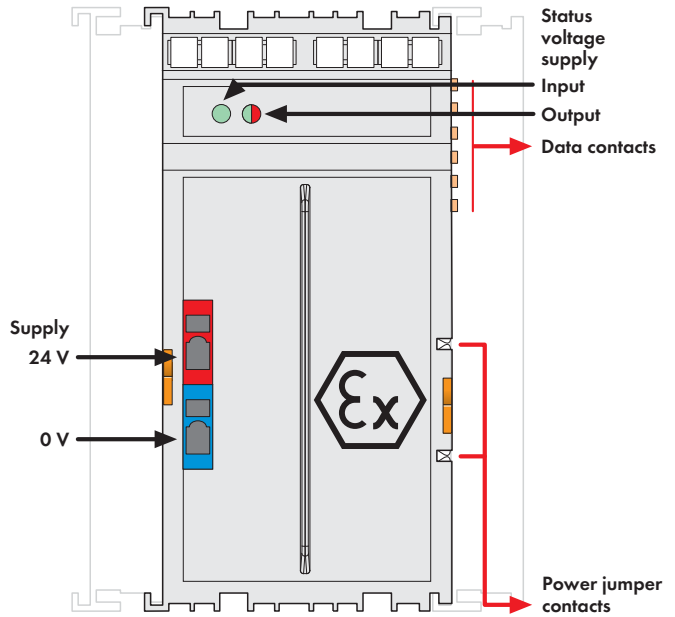


Supply Module 24 V DC, 1.0 A Ex i



Delivered without miniature WSB markers

This supply module provides power to all intrinsically safe 750 Series Ex i modules. It also monitors power supply to the downstream Ex i segment and separates the intrinsically safe from the non-intrinsically safe section of the WAGO-I/O-SYSTEM 750. Input and output sides are electrically isolated from each other.

The maximum current available from the supply module is 1.0A. When setting up the Ex-i segment, it must be ensured that this total current is not exceeded. In the event of a short circuit or overload, electronic monitoring automatically switches off the output voltage. After eliminating the fault, the output voltage is reactivated within approx. 10 sec.

Notice:

If, due to load conditions, more than one supply module is required per station, four separation modules (750-616) must be placed between the intrinsically safe sections.


LED displays:

- LED green (input voltage)
- LED green/red (output voltage available/not available)

Note:

General information (e.g., installation regulations) on explosion protection is available in the WAGO-I/O-SYSTEM 750 manuals!

| Description | Item No. | Pack. Unit |
|---|-----------------|------------|
| 24V DC 1.0A power supply Ex i | 750-606 | 1 |
| 24V DC 1.0A power supply Ex i (without diagnostics) | 750-625/000-001 | 1 |

| Accessories | Item No. | Pack. Unit |
|---|----------------|------------|
| Miniature WSB Quick marking system | | |
|  plain | 248-501 | 5 |
| with marking | see Section 11 | |

| Technical Data | |
|---|--|
| Current consumption, system voltage typ. (5 VDC) | 7.5 mA |
| Max. nominal output voltage via power jumper contacts | 24 VDC |
| Current via power jumper contacts (max.) | 1 ADC |
| Input voltage | 24 VDC (-25% ... +30%) |
| Power consumption P _{max.} | 29 W |
| Power loss P _v | < 5 W |
| Fuse | electronic |
| Bit width | 750-606: 2 bits (input voltage failure, fuse triggered) |

