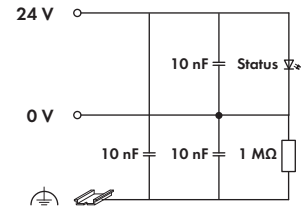
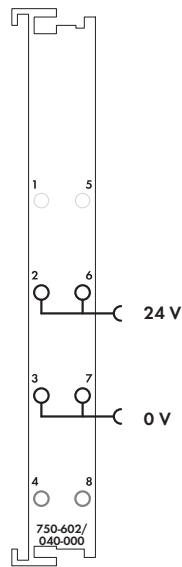
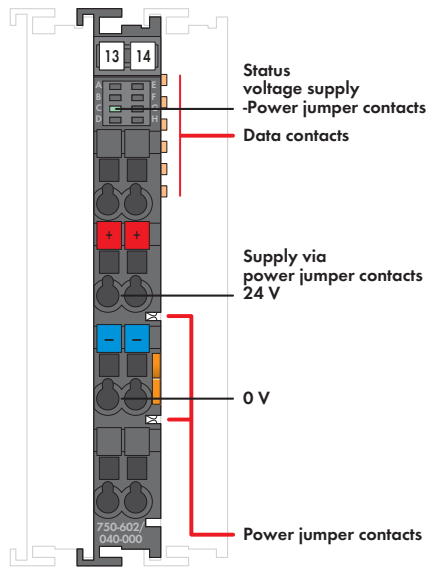


## Supply Module 24 VDC

for eXTReme environmental conditions; passive



This supply module provides the I/O modules with the corresponding supply potential.  
Maximum available supply current to all connected modules is 10 A.  
When configuring the system, it must be ensured that this total current is not exceeded.  
Should higher currents be necessary, an intermediate supply module must be added to the assembly.

The module is ideally suited for operation in harsh environmental conditions:

- strongly extended temperature range
- higher dielectric strength and EMC resistance
- higher vibration resistance

| Description                        | Item No.                                                                                                                  | Pack. Unit |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------|
| 24VDC Power Supply /XTR            | 750-602/040-000                                                                                                           | 1          |
| Accessories                        | Item No.                                                                                                                  | Pack. Unit |
| Miniature WSB Quick marking system |                                                                                                                           |            |
| plain                              | 248-501                                                                                                                   | 5          |
| with marking                       | see Full Line Catalog AUTOMATION 2012/2013                                                                                |            |
| Approvals                          |                                                                                                                           |            |
| Conformity marking                 | CE                                                                                                                        |            |
| Shipbuilding                       | GL                                                                                                                        |            |
| UL 508                             | pending                                                                                                                   |            |
| ANSI/ISA 12.12.01                  | pending                                                                                                                   |            |
| Technical Data                     |                                                                                                                           |            |
| Wire connection                    | CAGE CLAMP®                                                                                                               |            |
| Cross sections                     | 0.25 mm² ... 2.5 mm² / AWG 24 ... 14                                                                                      |            |
| Strip lengths                      | 8 ... 9 mm / 0.33 in                                                                                                      |            |
| Dimensions (mm) W x H x L          | 12 x 62 x 100                                                                                                             |            |
|                                    | Height from upper-edge of DIN 35 rail                                                                                     |            |
| Weight                             | 44.1 g                                                                                                                    |            |
| Operating temperature              | -40 °C ... +70 °C                                                                                                         |            |
| Storage temperature                | -40 °C ... +85 °C                                                                                                         |            |
| Relative humidity                  | 95 %, short-term condensation acc. to class 3K7 / IEC EN 60721-3-3 (except wind-driven precipitation and ice formation)   |            |
| Operating altitude                 | without temperature derating: 0 m ... 2000 m;<br>with temperature derating: 2000 m ... 5000 m (0.5 K/100 m); max.: 5000 m |            |

| Technical Data                                |                                                                                                                                                                          |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Voltage via power jumper contacts             | 24 VDC                                                                                                                                                                   |
| under laboratory conditions +15 °C ... +35 °C | 18 V ... 31.2 V (17.4 V ... 31.2 V) <sup>1)</sup>                                                                                                                        |
| for -40 °C ... +55 °C                         | 18 V ... 28.8 V (17.4 V ... 28.8 V) <sup>1)</sup>                                                                                                                        |
| for +55 °C ... +70 °C                         | 18 V ... 26.4 V (17.4 V ... 26.4 V) <sup>1)</sup>                                                                                                                        |
|                                               | <sup>1)</sup> including residual ripple of 15 %                                                                                                                          |
| Current via power jumper contacts (max.)      | 10 A                                                                                                                                                                     |
| Isolation (peak value)                        | 510 VAC or 775 VDC                                                                                                                                                       |
|                                               | power supply/DIN rail                                                                                                                                                    |
| Rated impulse voltage                         | 1 kV                                                                                                                                                                     |
| Overvoltage category                          | III                                                                                                                                                                      |
| Vibration resistance                          | acc. to IEC 60068-2-6 (acceleration: 5g),<br>EN 60870-2-2, IEC 60721-3-1, -3,<br>EN 61131-2                                                                              |
| Shock resistance                              | acc. to IEC 60068-2-27                                                                                                                                                   |
| EMC: CE - immunity to interference            | acc. to EN 61000-6-1, -2, EN 61131-2,<br>marine applications, EN 50121-3-2, -4, -5,<br>EN 60255-26, EN 60870-2-1,<br>EN 61850-3, IEC 61000-6-5, IEEE 1613,<br>VDEW: 1994 |
| EMC: CE - emission of interference            | acc. to EN 61000-6-3, -4, EN 61131-2,<br>EN 60255-26, marine applications,<br>EN 60870-2-1, EN 61850-3,<br>EN 50121-3-2, -4, -5                                          |