chanhvinh.com

# 750-402, 750-403 / 753-402, 753-403

## 4-Channel Digital Input Module 24 V DC

**2- to 3-conductor connection; high-side switching**

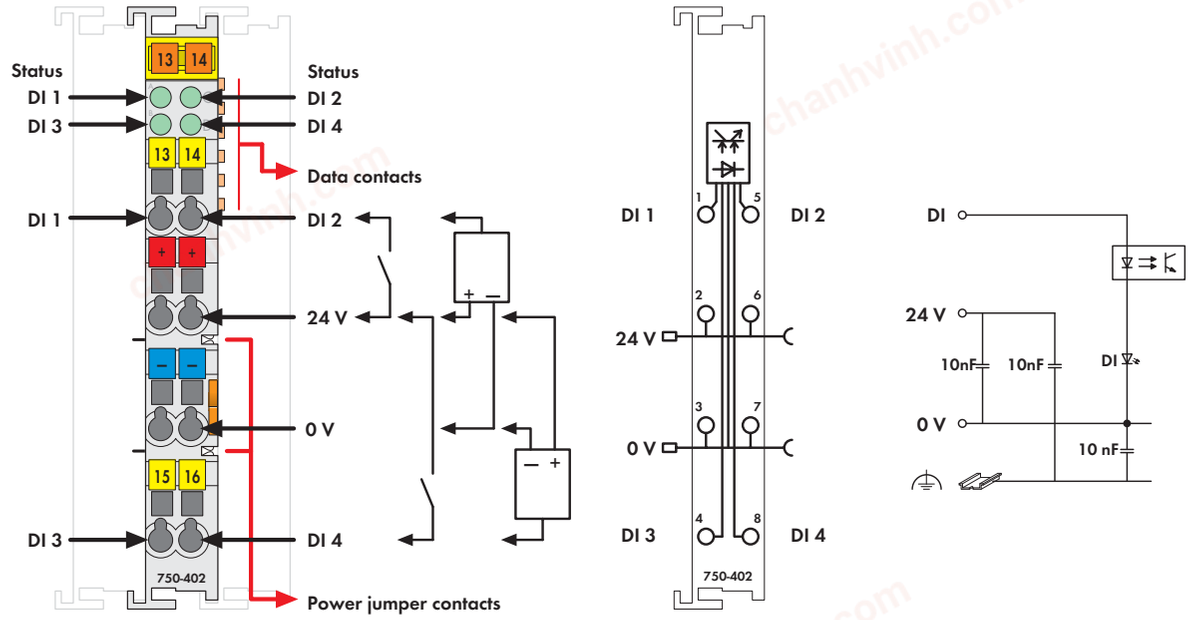


**Fig. 750 Series**
**Delivered without miniature WSB markers**

The digital input module receives control signal from the digital field devices (sensors, etc.).

Each input module has a noise-rejection filter. This filter is available with different time constants.

Field and system levels are electrically isolated.

| Description | Item No. | Pack. Unit |
|---|---|---|
| **4DI 24V DC 3.0ms** | **750-402** | 1 |
| **4DI 24V DC 0.2ms** | **750-403** | 1 |
| **4DI 24V DC 3.0ms/T** | **750-402/025-000** | 1 |
| Extended temperature range: -20 °C ... +60 °C | | |
| **4DI 24V DC 3.0ms (without connector)** | **753-402** | 1 |
| **4DI 24V DC 0.2ms (without connector)** | **753-403** | 1 |

| Accessories | | Item No. | Pack. Unit |
|---|---|---|---|
|  | **753 Series Connectors** | **753-110** | 25 |
| | **Coding elements** | **753-150** | 100 |
|  | **Miniature WSB Quick marking system** | | |
| | plain | **248-501** | 5 |
| | with marking | see Section 11 | |

| Approvals | |
|---|---|
| Conformity marking | CE |
| Korea Certification | (75x-402, 750-402/025-000) |
| Marine applications (versions upon request) | ABS, BV, DNV, GL, KR, LR, NKK, PRS, RINA |
| cULus UL 508 | |
| cULus ANSI/ISA 12.12.01 | Class I, Div. 2, Grp. ABCD, T4 |
| TÜV 07 ATEX 554086 X | I M2 Ex d I Mb, |
| | II 3 G Ex nA IIC T4 Gc, |
| | II 3 D Ex tc IIIC T135°C Dc |
| IECEx TUN 09.0001 X | Ex d I Mb, |
| | Ex nA IIC T4 Gc, |
| | Ex tc IIIC T135°C Dc |

| Technical Data | |
|---|---|
| Number of inputs | 4 |
| Current consumption (internal) | 7.5 mA |
| Voltage via power jumper contacts | 24 V DC (-25 % ... +30 %) |
| Signal voltage (0) | -3 V ... +5 V DC |
| Signal voltage (1) | 15 V ... 30 V DC |
| Input filter | 3.0 ms (750-402 / 753-402) |
| | 0.2 ms (750-403 / 753-403) |
| Input current (typ.) | 4.5 mA |
| Isolation | 500 V system/supply |
| Internal bit width | 4 bits |
| Wire connection | CAGE CLAMP® |
| Cross sections | 0.08 mm² ... 2.5 mm² / AWG 28 ... 14 |
| Strip lengths, 750/753 Series | 8 ... 9 mm / 0.33 in |
| | 9 ... 10 mm / 0.37 in |
| Width | 12 mm |
| Weight | 48.5 g |
| EMC immunity of interference | acc. to EN 61000-6-2, marine applications |
| EMC emission of interference | acc. to EN 61000-6-4, marine applications |