



Fig. 750 Series
Delivered without miniature WSB markers

This module incorporates a current loop which makes it possible to monitor alarm contacts with a fixed resistance ratio (R_1 , R_2), for intruder detection.

The module indicates the current status of the contact via LEDs and via status bits in the process image.

| Description | Item No. | Pack. Unit |
|---|---|------------|
| 2DI 24V DC Intruder Detection | 750-424 | 1 |
| 2DI 24V DC Intruder Detection (without connector) | 753-424 | 1 |
| Accessories | | |
| 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 | | |
| Marine applications | ABS, BV, DNV, GL, KR, LR, NKK, PRS, RINA | |
| UL 508 | | |
| ANSI/ISA 12.12.01 | Class I, Div. 2, Grp. ABCD, T4 | |
| TÜV 12.1297 X (Brazil) | Ex nA IIC T4 Gc (750-424) | |
| 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 | 2 |
| Current consumption typ. (internal) | 6 mA |
| Current consumption max. (field side) | 16 mA/24 V DC |
| Voltage via power jumper contacts | 24 V DC (-25 % ... +30 %) |
| Loop current typ. (I _d) | 1 mA |
| R1 | 1.5 kΩ (± 5 %) |
| R2 | 2.2 kΩ (± 5 %) |
| R wire (max.) | 200 Ω |
| Isolation | 500 V system/supply |
| Internal bit width | 4 bits |
| Wire connection | CAGE CLAMP® |
| Cross sections | 0.08 mm ² ... 2.5 mm ² / AWG 28 ... 14 |
| Strip lengths, 750/753 Series | 8 ... 9 mm / 0.33 in 9 ... 10 mm / 0.37 in |
| Width | 12 mm |
| Weight | 36 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 |