

Technical Data

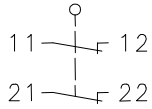
Plastic bodied limit switch

Series ENK - ASI

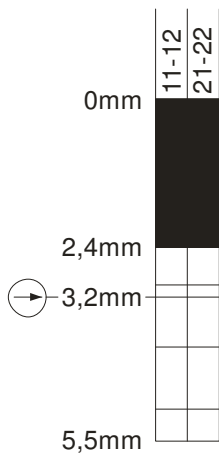
Description **ASI ENK RIW**



Article number **6073502024**

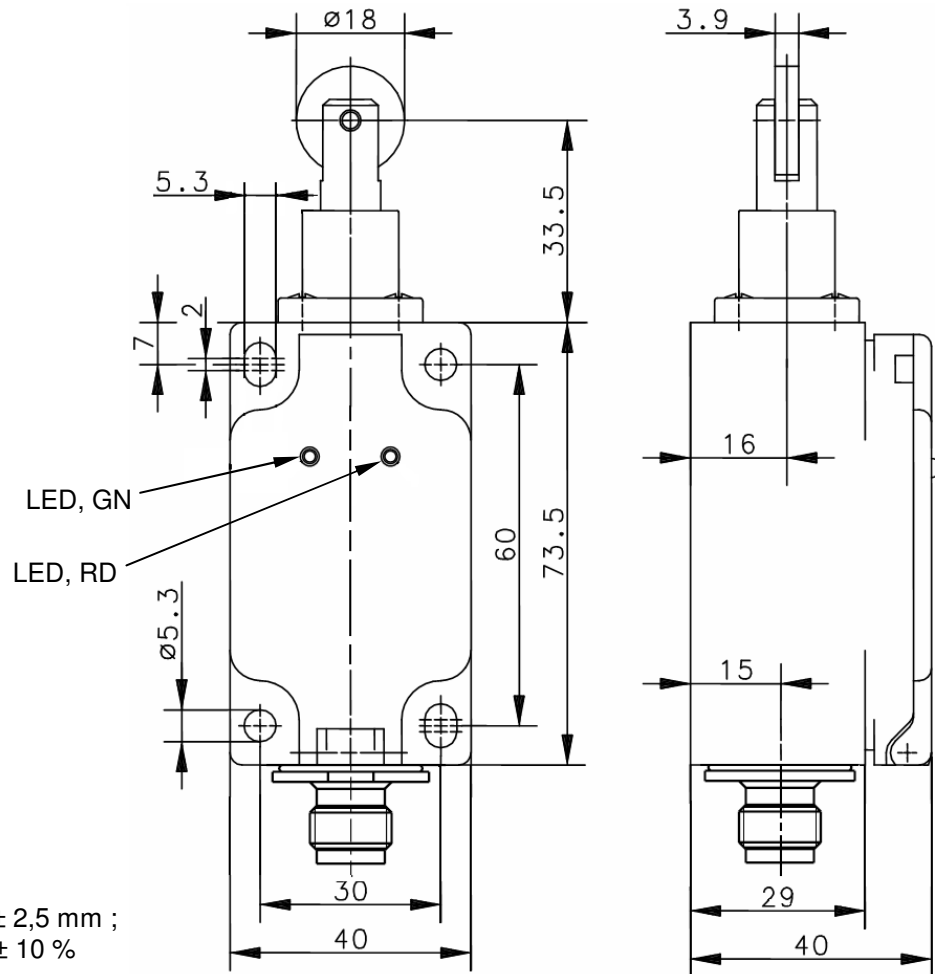
Operating symbol



Operating diagram



 On
  Off
 Tolerance:
 Operating point $\pm 2,5$ mm ;
 Operating force ± 10 %



Electrical data

| | | |
|---------------------|------------|---|
| Operating voltage | U | 26,5 ... 31,6 V; via AS-interface, reverse-polarity proof |
| Operating current | I | < 30 mA |
| AS-i Specifications | | Profile S-0.B |
| | | IO-Code: 0x0 ID-Code: 0xB |
| | | ID-Code1: 0xF ID-Code2: 0xE |
| AS-i Inputs | Contact 1: | Date bits D0/D1 = static 00 or dynamic code transmission |
| | Contact 2: | Date bits D2/D3 = static 00 or dynamic code transmission |
| Parameter bits | | no function |
| AS-i Address | | preset address: 0 |

This document will not become the contractual basis; the details included herein do not constitute any descriptions of expected conditions, so that warranties/claims for defects on account of possible variations of the actual qualities from the qualities described herein are explicitly excluded. All rights reserved. Specifications subject to change without notice!

Date of issue: 07.12.2011 / Page 1 of 2
 Document : 6073502024_en.doc / Last update : 2 / 2690-11

Technical Data

Plastic bodied limit switch



Mechanical data

| | |
|-------------------------|--|
| Enclosure | Thermoplastic, glass fibre reinforced |
| Cover | Thermoplastic, glass fibre reinforced |
| Indication | LEDs for slave and bus state |
| Actuator | Lever (thermoplastic) |
| Ambient air temperature | -25 °C ... +70 °C |
| Contact type | 2 NC (slow-action, Zb) |
| Mechanical life | 1 x 10 ⁶ switching cycles |
| Switching frequency | ≤ 100 / min |
| Assembly | 4 x M5 |
| Connection | Plug connector M12 male |
| Plug connection | 1: AS-i + 2: free 3: AS-i - 4: free |
| Weight | ≈ 0,15 kg |
| Installation position | operator definable |
| Protection type | IP65 acc. to EN 60529; DIN VDE 0470 T1 |

Actuation

The actuating device is preferably started from 2 sides.

By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 8 actuation directions are possible.

The actuation assembly is to be again fastened to the housing using the 4 screws.

Standards

VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
EN 50295, EN ISO 13849-1

EU Conformity

acc. to EMC Directive

Safety Classification

according 13849-1 to PL e
MTTFd = high
PFD = 2,49 * 10⁻¹⁰

Notes

The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent connector.

This document will not become the contractual basis; the details included herein do not constitute any descriptions of expected conditions, so that warranties/claims for defects on account of possible variations of the actual qualities from the qualities described herein are explicitly excluded. All rights reserved. Specifications subject to change without notice!

Date of issue: 07.12.2011 / Page 2 of 2
Document : 6073502024_en.doc / Last update : 2 / 2690-11