

LKZ 701 Load Spectrum Recorder

Application

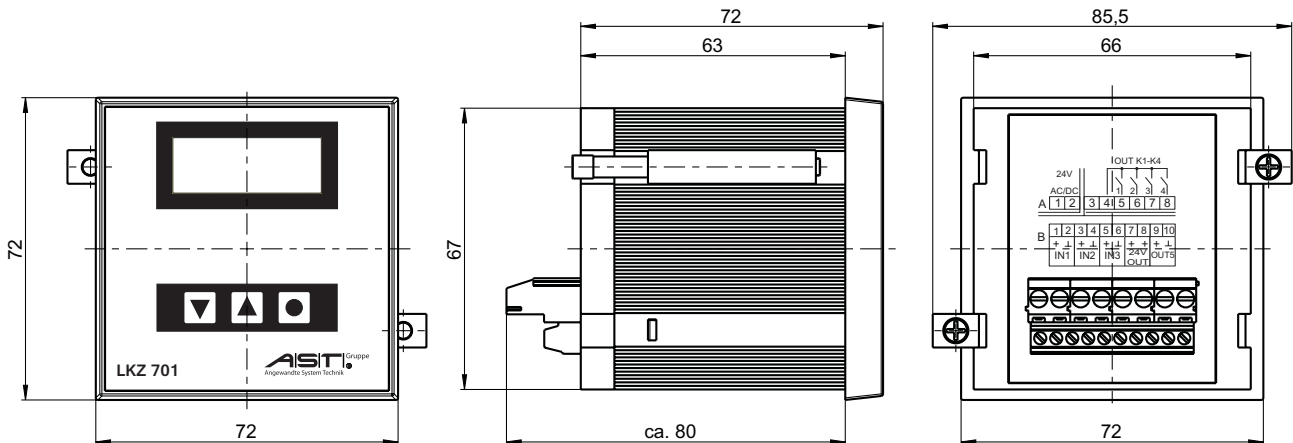
- Load Spectrum Recorder according to guideline FEM 9.755

Features

- Inputs
 - analog load signal 4 ... 20 mA or 0...10VDC
 - switching input lifting unit
- Output
 - switching output sensor error
 - switching output service life
- Supply voltage 18 ... 36 VDC
- Case panel-mounting
- Access via password



Dimensions (mm)

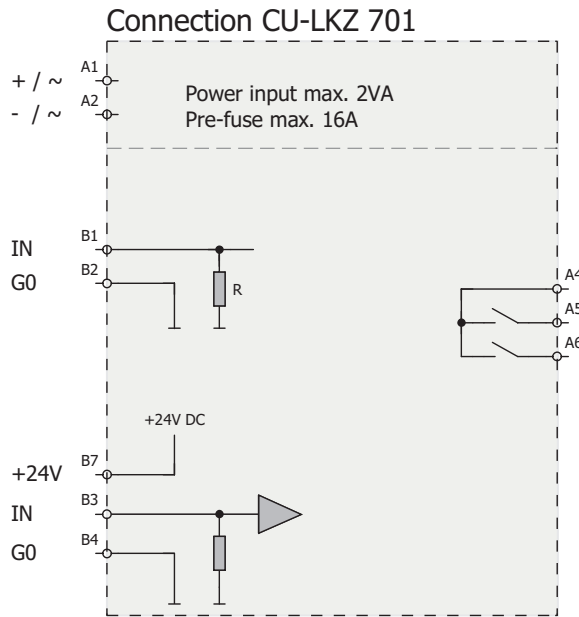


Wiring Code

supply 24V AC/DC

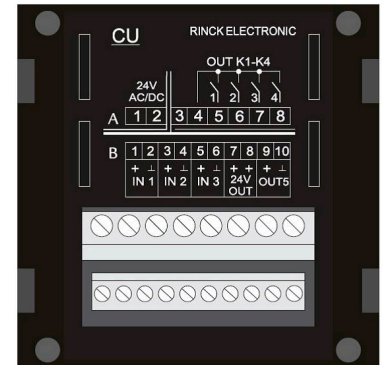
Input 1 (load)
4-20mA (50Ω) or
0...10VDC (250kΩ)

Input 2 (disengaging)
clamp B3/B7 ext. contact
clamp B3/B4 ext. 24V DC



2x contact
load: max. 250V/5A

Relay 1 (Off = error input 1 < 4mA)
Relay 2 (On = Value V > 90%)



Specifications

| Signal Input | | |
|--|-----|-------------------------------------|
| Signal input / load resistor | | 4 - 20mA / 50Ω or 0...10VDC / 250kΩ |
| Switching input | | 24VDC or contact |
| Signal output | | |
| Relay 1: contact sensor error (<4mA / <0V) | | load max. 250 V / 5 A |
| Relay 2: contact service life | | load max. 250V / 5A |
| Display | | |
| Line 1: display service life, consumption | | 8 signs |
| Line 2: display status gates, messages | | 8 signs |
| Power Supply | | |
| Nominal voltage | VDC | 24 |
| Voltage range | VDC | 18 ... 36 |
| Maximal power input | VA | 1.5 |
| Environmental Conditions | | |
| Operating temperature range | °C | - 20 ... + 60 |
| Storage temperature range | °C | - 30 ... + 80 |
| Construction | | |
| Case | | panel-mounting |
| Weight | g | 160 |
| Dimensions (W x H x D) | mm | 72 x 72 x 80 |
| Protection of enclosure acc. to EN 60529 | | IP 40 |

Order Example

| Type Code | Description |
|------------|---|
| LKZ 701.01 | Load spectrum recorder with 4...25mA Input |
| LKZ 701.02 | Load spectrum recorder with 0...14VDC Input |