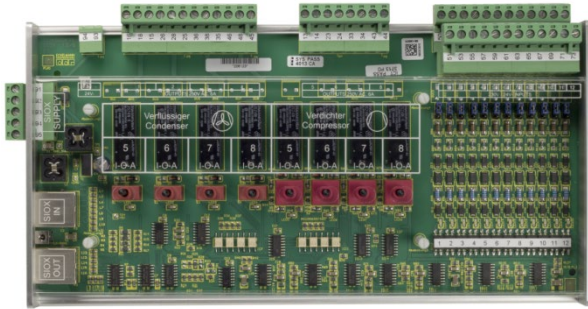
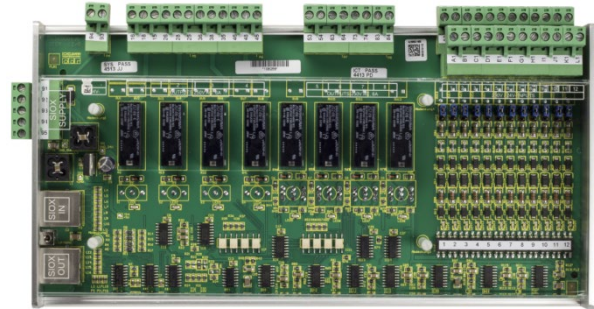


Eckelmann

E*LDS SIOX Extension Module



with manual switch (auto/off/manual)



without manual switch

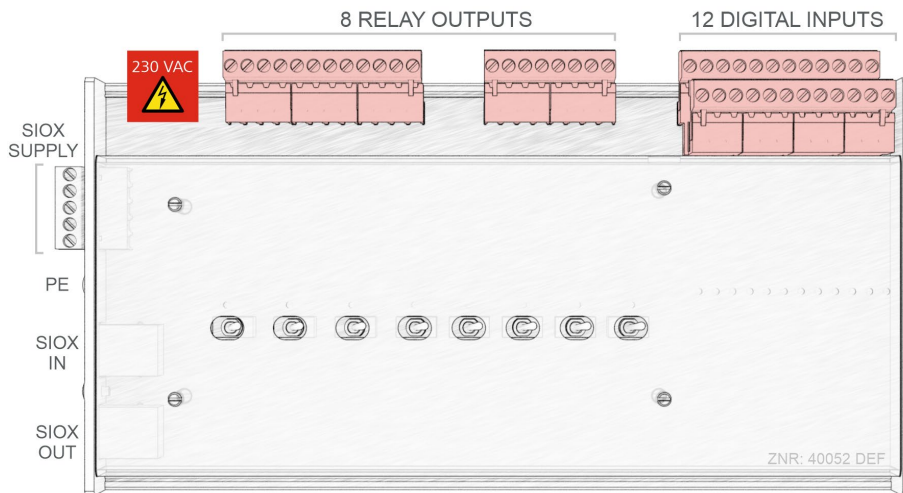
Special functions and features

- SIOX Extension Module (Serial IO Extension) for IO extension for higher-level controllers
 - System centres Virtus 5 / CI 5x00 / CI 4x00
 - Compact GLT 3010 / GLT 5010
 - Controls FS 3010 / VS 30x0 / VS 30x0 BS
 - VS 30xx CT / WRG 3010 x
- Extension options per SIOX module by 8 relay outputs and 12 digital inputs
 - max. 4 for system centres
 - max. 3 for GLT 3010 / GLT 5010:
 - max. 3 for controls
- Manual control switch for individual control of every single stage (optionally for system centre)
- 8 relay outputs 230 V AC / 6 (3) A
- 12 inputs 230 V AC (pulse measuring points via optional SSR coupling relay)
- Status LEDs for relay outputs / digital inputs
- Power supplied by SIOX connection cable
- Extensive wiring options

Order numbers

- | | | | | |
|--------------|---|--------------|------------------|-------|
| ▪ LISIOX0011 | Without manual switch for system centre | ▪ KABLIND005 | Connection cable | 0,7 m |
| ▪ LISIOX0012 | With manual switch | ▪ KABLIND006 | | 2,0 m |
| ▪ LISIOX0014 | With manual switch for FS 30x0 | ▪ KABLIND001 | Data cable | 0,4 m |
| ▪ LISIOX0015 | With manual switch and Solid State Relay for Ejectors | ▪ KABLIND002 | | 0,7 m |
| | | ▪ KABLIND003 | | 2,0 m |
| | | ▪ KABLIND007 | | 5,0 m |

Connection diagram SIOX with manual switches



Specifications

Electrical connection

- Operating Power (SUPPLY) 24 V DC / 9 V DC power supplied over system centre or controls
- Nominal Power 3,1 W

Interfaces

- Relay outputs
 - Relay: 8 x 230 V AC / 6 A, $\cos \phi = 0,4$, floating (4 changeover, 4 N.O.)
 - SSR: 8 x 230 V AC / max. 0,25 A, floating
- Digital inputs 12 x 230 V AC, pulse measuring points via optional SSR coupling relay, floating
- Archive memory By the system centre
- Monitoring function Watchdog

General data

- Dimensions W 257 x H 137 x D 38 mm (with mating connector / manual switch)
- Temperature range
 - Transport: $-20\text{ }^{\circ}\text{C} \dots +80\text{ }^{\circ}\text{C}$
 - Operation: $0\text{ }^{\circ}\text{C} \dots +50\text{ }^{\circ}\text{C}$
- Relative humidity
 - Transport: 8 % .. 80 %
 - Operation: 20 % .. 80 %
- Protection IP20
- Standards Complying with EU Directives
 - RoHS Directive 2011/65/EU
 - Low Voltage Directive 2014/35/EU
 - EMC Directive 2014/30/EU