

## SAFETY CONTROL MODULES

### Kuhnke FIO Safety IO SDI16

694 431 00

Kuhnkes FIO Safety SDI16 is a safety I/O terminal featuring 16 safe digital input channels. This expansion module from Kuhnke's FIO range easily integrates in any EtherCAT® network. 16 inputs pick up sensor readings via floating 24 VDC contacts. In case the EtherCAT terminal detects a fault it changes to a safe state (fail safe). The module meets the requirements of IEC 61508 SIL3 and DIN EN ISO 13849 PL e.



- Safety over EtherCAT (FSoE)
- 16 safe inputs 24 VDC
- IEC 61508 **SIL3** and DIN EN ISO 13849 **PL e**

DESCRIPTION	VALUE
Function	functional safety IO
Model	Control cabinet module
Digital I/Os (integrated)	safe inputs: 16 SDI
Product status	Standard product
Field bus interfaces	EtherCAT / FSoE
Type of connection	female plug with PUSH IN spring connection
Status indication	LEDs allocated to the point of termination
Housing material	Aluminium frame, plastic housing
Dimensions (W x H x D)	25 x 120 x 90 mm
IP-Protection Class	IP 20
Supply voltage	24 (-20% / +25%) VDC
Operating temperature	0 ... +55
Immunity	Zone B according to EN 61131-8
Certifications	CE, UL

## **CONTACT**

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## **PRODUCT**

<https://www.kendrion.com/en/productfinder/group/product/safety/694-431-00>