CIB – DIN rail mounted input module

Type	DI	DO	AI	AO	Comm
IM2-140M	14×		1		CIB

IM2-140M

Basic features

- Device is designed to connect and sensing other device with potential free output contact.
- Several inputs on each device can be used as balanced or double balanced inputs for security detectors. It enables to recognize 4 situations: no alarm, alarm, broken circuit and tamper.
- On board power supply 12 V DC can be used for local supplying of security sensors.
- Status of Run/Error is indicated by the LED on the front panel.

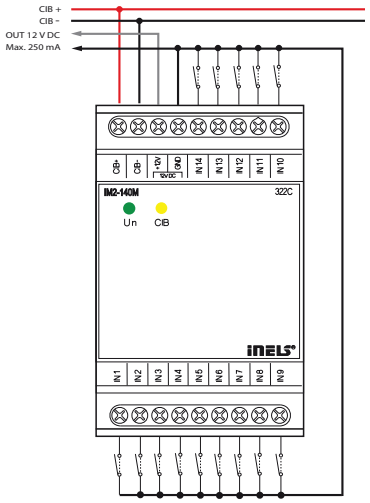
Connecting

- The device is to by wired be two wires of CIB, which provide both the power supply and communication channel.
- The device is for mounting on DIN rail in standard cabinets for circuit breakers.

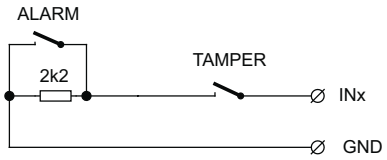
Use

- For centralized style of installation, where all sensors are wired into cabinet with the DIN rail
- Sensing any device with potential free output contact like standard wall switches or push-buttons of any design, security sensors, fire detectors etc.

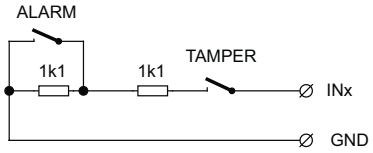
Connection example



Connecting balanced inputs



Connecting double balanced inputs



Binary inputs

	4× (IN1 ÷ IN14)
Input type	Potential free contact
Ballanced inputs	7× (IN1÷IN7)

Power supply/Communication

Power supply communication	24 V (27 V) from the bus CIB
On board local power supply	12 V DC/150 mA for sensors
Current consumption	25 mA
Current consumption with full load on 12 V DC on board supply	100 mA

Dimensions and weight

Dimensions	90 × 52 × 65 mm
Weight	100 g

Operating conditions

Operating temperature	–20 ÷ +55 °C
Storage temperature	–30 ÷ +70 °C
Electric strength	according EN 60950
IP Degree of protection IEC EN 60529	IP 30
Overvoltage category	III
Degree of pollution IEC EN 61131-2	2
Working position	Any
Installation	On DIN Rail
Connections	screw terminals
Conductors cross-section	max. 2.5 mm²

Teco a.s. supplies units under the name INELS

Order number

IM2-140M	IM2-140M, CIB, 14×IN universal inputs, 7 of them balanced