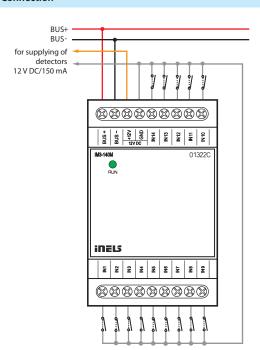


EAN code IM3-140M: 8595188132459

Technical parameters	IM3-140M
Inputs	
Input:	14x NO or NC against GND (-)
	IN1 - IN7 - are balanced inputs
Max. frequency pulse reading:	20 Hz
Outputs	
Output (power supply 12 V	
for sensors):	12 V DC/150 mA
Communication	
Installation BUS:	BUS
Data transfer indication:	green LED
Power supply	
Supply voltage/tolerance:	27 V DC, -20/+10 %
Dissipated power:	max. 1 W
Rated current:	25 mA (at 27 V DC), from BUS
Rated current for full	
load on output 12 V DC:	
	100 mA
Connection	
Terminal:	max. 2.5 mm ² /1.5 mm ² with sleeve
Operating conditions	
Air humidity:	max. 80 %
Operating temperature:	-20 to +55 °C
Storing temperature:	-30 to +70 °C
Protection degree:	IP20 device, IP40 mounting in the switchboard
Overvoltage category:	II.
Pollution degree:	2
Operating position:	any
Installation:	into a switchboard rail to DIN EN 60715
Design:	3-MODULE
Dimensions and weight	
Dimensions:	90 x 52 x 65 mm
Weight:	104 g

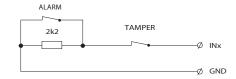
- Binary input unit IM3-140M is designed to connect up to 14 devices with potentialless contact (such as switches, buttons of other designs, fire and glass detectors and others).
- Inputs IN1 IN7 can be balanced.
- Contacts of external devices connected to the inputs of the drive can be NO or NC - Input parameters are configured in the software iDM3.
- Inputs must be configured as balanced or double balanced in an $internal\ Electronic\ security\ system\ configurated\ in\ iDM3\ software.$
- The unit generates a supply voltage of 12 V DC/150 mA for powering external detectors, so it can power PIR detectors, fire and gas detectors.
- · Active use 12 V DC output for powering detectors increases the nominal consumption units from BUS (see technical data).
- The unit can be used for counting pulses of energy meters with pulse
- IM3-140M in 3-MODULE is designed for switchboard mounting on DIN rail EN60715.

Connection



Balanced input

Simple:



Double:

