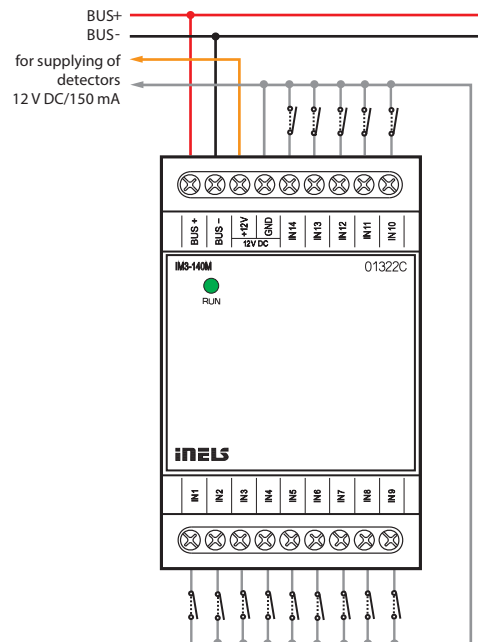


EAN code
IM3-140M: 8595188132459
Order Code: 3245

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	
Standards:	EN 63044-1	

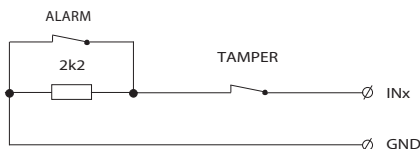
- Binary input unit IM3-140M is designed to connect up to 14 devices with potentialless contact (such as switches, buttons of other designs, fire and glass detectors and others).
- Inputs IN1 - IN7 can be balanced.
- Contacts of external devices connected to the inputs of the drive can be NO or NC - Input parameters are configured in the software iDM3.
- Inputs must be configured as balanced or double balanced - in an internal Electronic security system configured 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 output.
- IM3-140M in 3-MODULE is designed for switchboard mounting on DIN rail EN60715.

Connection



Balanced input

Simple:



Double:

