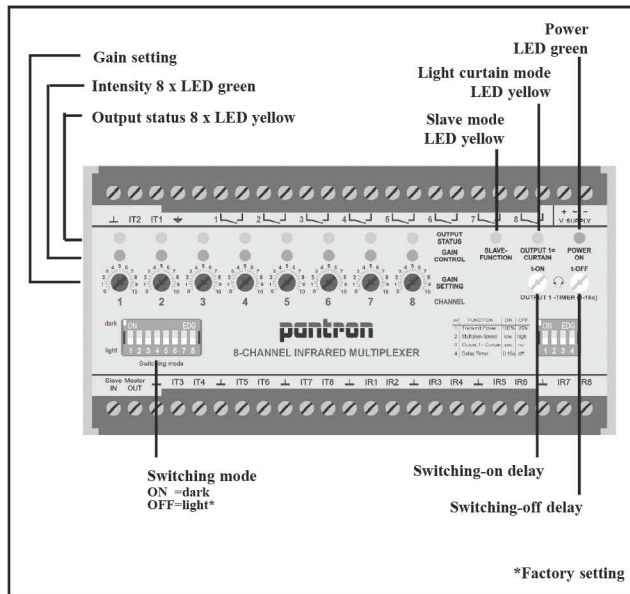
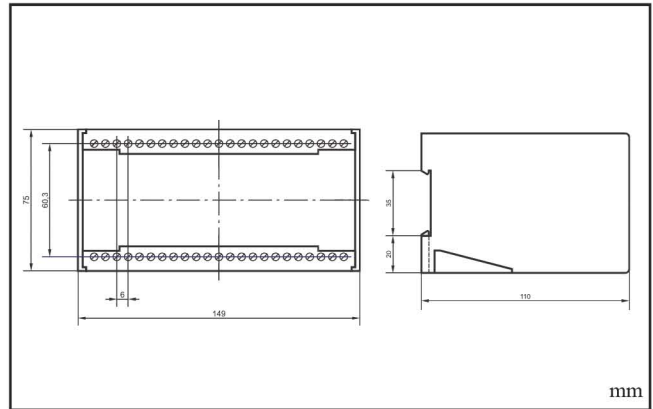


# Multiplexer

## 8-channel manual IMX-N840...

- Detection range up to 25 m (82ft)
- Sensitivity for each channel adjustable with potentiometer
- One relay output for each channel
- Adjustable switch-on and switch-off delay for channel one
- System power 20 % / 100 % switchable
- Switching mode light / dark selectable for each channel
- Multiplex speed 64 ms / 32 ms switchable
- Master-Slave mode
- Light curtain function



### Technical Data at +68°F

<b>Max. (through beam)</b>	
Sensors II-P10, IR-P10	15 m (49ft)
Sensors II-P10HP, IR-P10	25 m (82ft)
Supply voltage	purchase order table below
Operating basis	modulated IR light
Transmit frequency	4.0 kHz
Switching mode	light / dark switchable
System power	20% / 100% switchable
Multiplex speed	64 ms / 32 ms
Switching delay	0 ... 15 s
Master-Slave mode	yes
Light curtain mode	yes
Relay output	8 X NO
Maximum load	each 5 A / 230 VAC (24 VDC)
Switching frequency	15 Hz
Housing material	plastic
Protection class	IP 20
Connection	clip 4 mm <sup>2</sup>
Operating temperature	-13°F ... +140°F

### DIP switch settings

1	2	3	4
System power	Multiplex-speed	Light curtain mode	
100% ON	32 ms ON	on ON	on ON
20% OFF	18 ms OFF	off OFF	off OFF

### Purchase order table

Supply voltage	Model
230 VAC / +/- 10% / 10 VA	IMX-N840/230 VAC
115 VAC / +/- 10% / 10 VA	IMX-N840/115 VAC
24 VAC / +/- 10% / 10 VA	IMX-N840/24 VAC
24 VDC / +/- 20% / 8 W	IMX-N840/24 VDC

