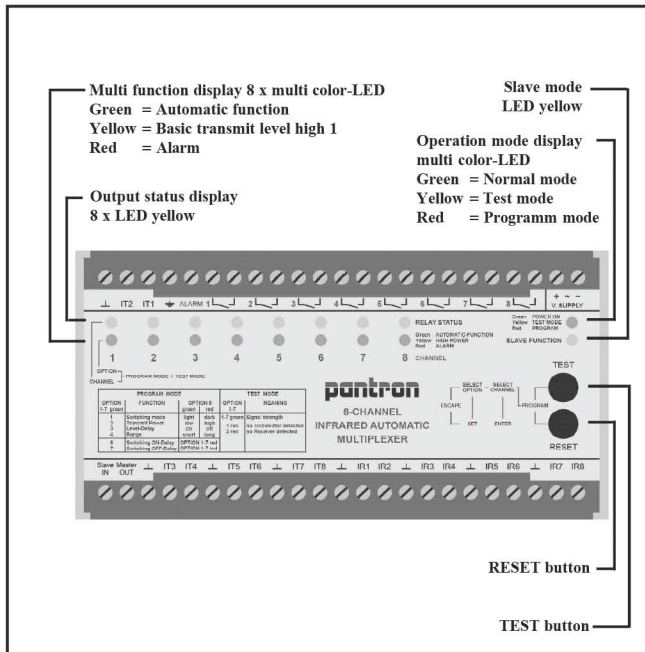
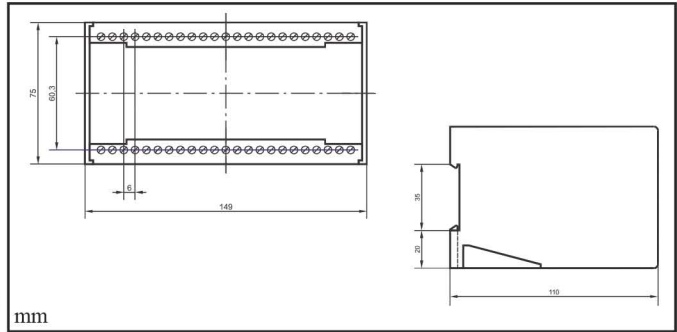


Multiplexer

8-channel automatic IMX-A840...



- Detection range up to 25 m (82ft)
- Transmit power for each channel with automatic adjustment
- Test function to check installation and signal quality
- One relay output for each channel
- Programmable switch-on and switch-off delay for each channel
- Switching mode light / dark programmable
- 2 different programmable basic transmit levels
- Master-Slave mode



Technical Data at +68°F

| | |
|---------------------------|-----------------------------|
| Max. range (through beam) | |
| Sensors IT-P10, IR-P10 | 15 m (49ft) |
| Sensors IT-P10HP, IR-P10 | 25 m (82ft) |
| Supply voltage | purchase order table below |
| Operating basis | modulated IR light |
| Transmit frequency | 4.0 kHz |
| Transmit power | automatic adjustment |
| Switching mode | light / dark, programmable |
| Basic transmit level | low 1, high 1, programmable |
| Multiplex speed | 34 ms |
| Switching delay | 0 ... 7 s, programmable |
| Master-Slave mode | yes |
| Relay output | 8 X NO |
| Maximum load | each 5 A / 230 VAC (24 VDC) |
| Switching frequency | 15 Hz |
| Alarm output | pnp, 24 VDC |
| Maximum load | AC: 5 mA; DC: 100 mA |
| Housing material | plastic |
| Protection class | IP 20 |
| Connection | clip 4 mm ² |
| Operating temperature | -13°F ... +140°F |

| Purchase order table | Model |
|---------------------------|------------------|
| Supply voltage | |
| 230 VAC / +/- 10% / 10 VA | IMX-A840/230 VAC |
| 115 VAC / +/- 10% / 10 VA | IMX-A840/115 VAC |
| 24 VAC / +/- 10% / 10 VA | IMX-A840/24 VAC |
| 24 VDC / +/- 20% / 8 W | IMX-A840/24 VDC |

Connection diagram

