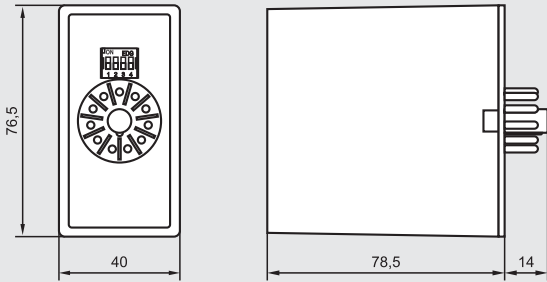


# IMX-Series

## 2-channel multiplex Amplifier **IMX-A2034**



in mm

- Detection range up to 40 m
- Automatic transmit power adjustment
- Test function
- Basic transmit level 4-fold selectable
- Switching behavior light / dark selectable
- Switching delay
- Relay output, normally open

### Technical data (at +20°C)

Operating voltage	see purchase order table
Operating basis	modulated infrared light
Transmit frequency	4,0 kHz
Transmit power	automatic
Switching behavior	light / dark
Basic transmit level	low1 / low2 / high1 / high2
Multiplex speed	4 ms
Switching delay	0 ... 15 s
Light curtain	-
Master-Slave	-
Switching output	Relay, 2x normally open
max. operation value	5 A / 230 V AC (24 V DC)
reaction time	8 ms
Alarm output	-
Test input	-
Housing material	plastic
Protection class	IP 40
Connection	11-pin DIN-plug
Operation temperature	-25 °C ... +50 °C

### Purchase order table

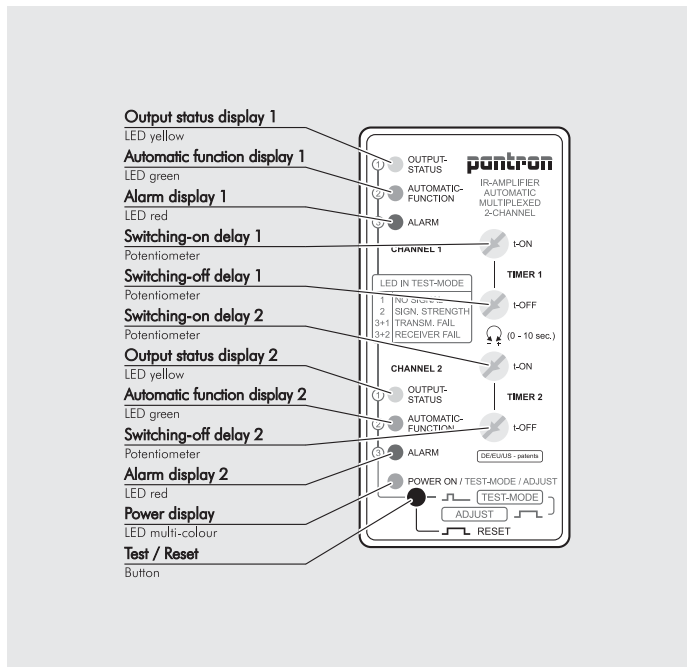
Operating voltage	Order table
230 V AC / ±10 % / 4,1 VA	IMX-A2034/230VAC
115 V AC / ±10 % / 4,1 VA	IMX-A2034/115VAC
24 V AC / ±10 % / 4,1 VA	IMX-A2034/24VAC
24 V DC / ±20 % / 2,0 W	IMX-A2034/24VDC

### Accessories

11-pole DIN-socket	ISO1
Protective enclosure	PanBox 1x2

### Maximum Range

	Receiver IRL...	Receiver IR...
Transmitter IT-..., ITL-...	10 m	20 m
Transmitter IT-...HP-..., ITH-...	15 m	30 m
Transmitter ITA-...	20 m	40 m



### Amplifier mode (Factory setting is marked in white)

ON	1	2	3	4	5	6
	channel 1			channel 2		
	Basic transmit level	Switching behavior		Basic transmit level	Switching behavior	
	high2	ON ON	dark	ON	high2	ON ON
	high1	ON OFF	light	OFF	high1	ON OFF
	low2	OFF ON	dark	ON	low2	OFF ON
	low1	OFF OFF	light	OFF	low1	OFF OFF

### Connection diagram

