# **IMPACT-301**



### **Salient Features**

#### Pairing

Any transmitter & receiver can be paired on-site (for easy spare management)

- ◆ Adjustable Range Operating Range Adjustment (from 10m to 100m)
- ◆ Adjustable Start Range Only START functionality can be range adjustable
- ◆ Password Transmitter password protection
- Frequency Change
   Operating channel can be changed on site
- ◆ Idle Time Configurable Idle Time out in Transmitter

#### **Additional Features**

Emergency STOP	1 NO contacts for EMS + 1 magnetic key
Indication	LED Indication for Battery LOW, Transmission and Error status
Address Code	Unique Address Code to avoid interference
Antenna	Internal Antenna in transmitter & receiver
Relay Assignment	Configurable Relay assignment available

#### **Transmitter**

Operating Frequency	433-434 MHz
Channel Spacing	25 KHz
Modulation	FM (4GFSK/2GFSK)
RF Power Output	10 mW
Power Consumption	18 mA (Unidirectional)
Standby Power Consumption	1 mA
Battery Capacity and Type	2 nos, AA size Alkaline, 3.0V
Operating Temperature	-20°C to +70°C
Weight	325 gms (without battery)
Dimensions (mm)	165 (H) X 75 (W) X 50 (B)
Operating Range	100 meters
Protection Rating	IP 65 IS/IEC 600529:2001

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## **Technical Specification**

Number of commands in Transmitter unit	6 + Start/Stop + Alarm
CRC	32 Bit
Response Time	<50 ms
Active Emergency Response Time	<50 ms
Passive Emergency Response Time	1900 ms

#### Receiver

Operating Frequency	433-434 MHz
Channel Spacing	25 KHz
RF Sensitivity	-117dBm at 0.6kBaud
Number of Relays	6 + 2 (Start/Alarm)
Relays	Resistive load: 5A at 250VAC
Power Requirements	110 VAC / 230 VAC
Fastening	By means of Nuts & Bolts
Operating Temperature	-20°C to +70°C
Weight	Approx 1.40 Kg
Dimensions (mm)	282 (H) x 220 (B) x 110 (W)
Operating Range	100 meters
Protection Rating	IP 65
	Channel Spacing RF Sensitivity Number of Relays Relays Power Requirements Fastening Operating Temperature Weight Dimensions (mm) Operating Range



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