

SITARA-8S/8D



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

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|---------------------|---|
| Emergency STOP | 2 NC contacts for EMS (EN-954-1 Safety Standard) |
| 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 |
| Auxillary Functions | Selector Switch / Toggle Switch/ Push Buttons /Rotary Switch |

Transmitter

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|---------------------------|-------------------------------|
| 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 | 500 gms (without battery) |
| Dimensions (mm) | 69 (W) X 34 (B) x 191 (H) |
| Operating Range | 100 meters |
| Protection Rating | IP 65 IS/IEC 600529:2001 |

| TRANSMITTER | RECEIVER |
|--|---|
|  |  |
| SITARA-8S | SITARA-8D |
| 8 Pushbutton Single speed | 8 Pushbutton Double speed |

Technical Specification

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|---|-------------------------|
| Number of commands in Transmitter unit SITARA-8S | 8 + Start/Stop + Alarm |
| Number of commands in Transmitter unit SITARA-8D | 16 + Start/Stop + Alarm |
| CRC | 32 Bit |
| Response Time | <50 ms |
| Active Emergency Response Time | <50 ms |
| Passive Emergency Response Time | 1900 ms |

Receiver

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|-----------------------------------|------------------------------|
| Operating Frequency | 433-434 Mhz |
| Channel Spacing | 25 KHz |
| RF Sensitivity | -117dBm at 0.6kbaud |
| Number of Relays SITARA-8S | 8 + 2 (Start/Alarm) |
| Number of Relays SITARA-8D | 12 + 2 (Start/Alarm) |
| Relays | Resistive load: 5A at 250VAC |
| Power Requirements | 48VAC - 230VAC |
| Fastening | By means of Nuts & Bolts |
| Operating Temperature | -20°C to +70°C |
| Weight | Approx 0.8 Kg |
| Dimensions (mm) | 186 (H) x 186 (B) x 83 (W) |
| Operating Range | 100 meters |
| Protection Rating | IP 65 |