



SALIENT FEATURES

◆ Pairing

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

◆ Adjustable Range

Operating Range Adjustment (from 10m to 200m)

◆ 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	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

OPERATING FREQUENCY	433-434 MHz
CHANNEL SPACING	25 KHz
MODULATION	FM
RF POWER OUTPUT	10 mW
POWER CONSUMPTION	<50mA
STANDBY POWER CONSUMPTION	1mA
BATTERY CAPACITY AND TYPE	3.6V, 2300mAH Ni-MH Rechargeable
OPERATING TEMPERATURE	-20°C to +70°C
WEIGHT	600gms
DIMENSIONS (MM)	236 (H) X 66 (W) X 66 (B)
OPERATING RANGE (STD)	100 meters
PROTECTION RATING	IP 65 IS/IEC 600529:2001

TRANSMITTER	RECEIVER
SANORA 12S →	12 Pushbutton Single speed
SANORA 12D →	12 Pushbutton Dual speed

BATTERY & CHARGER DETAILS

BATTERY TYPE	Ni-MH,3.6V ,1800mAH
BATTERY WEIGHT	121 gm
BATTERY CHARGER INPUT SUPPLY	110 / 220 VAC
BATTERY CHARGER DIMENSION (MM)	105 X 48 x 91
BATTERY CHARGING TIME	4hrs

RECEIVER

OPERATING FREQUENCY	433-434 MHz
CHANNEL SPACING	25 KHz
RF SENSITIVITY	-117dBm at 0.6kBaud
NUMBER OF RELAYS	18 + 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)	284 (H) x 220 (B) x 110 (W)
OPERATING RANGE	100 meters
PROTECTION RATING	IP 65 (NABL lab tested)