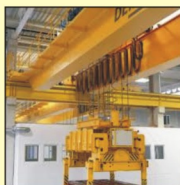


Radio Remote control for cranes

IT-301



Radio Remote control for cranes

IT-301



TRANSMITTER



RECEIVER

The Receiver of the system contains 8 potential free contact relays (6 + Start + Alarm) which can be configured as per the requirement. The Receiver also contains a feedback module which continuously monitors the internal circuitry and enables the user to check the Receiver status via LED on the Receiver.

Operated with 2 AA size batteries and modular design of the system makes it easy to maintain.

Technical Description

Number of Commands	Up to 6 + Start/Horn + Stop
Hamming Distance	>=4
Responding Time	<24 ms
Active Emergency Responding time	<24 ms
Operating Range Distance	100m

Transmitter

Operating Range Frequency	UHF (310.00 to 336.00 MHz) UHF (433.05 to 434.775 Mhz)
Channel Spacing	25 KHz
Modulation	FM
RF Power Output	10mW
Coding Key	FFSK
Transmitting Power Consumption	<15mA
Standby Power Consumption	<1mA
Battery Capacity and type	2 AA Size Alkaline Batteries
Operating Temperature	-20 Degree Celsius to +70 Degree Celsius
Transmitter Approx Weight	250 grams (Without Battery)
Dimensions	163mm (L) x 49mm (W) x 45mm (H)
Protection Rating	Ip65

Receiver

RF Sensitivity	0.6mV
Number of Commands	6 + Start/Alarm +Stop
Relays	Resistive Load: 5A
Power Requirements	110VAC/220VAC
Display	By means of LEDs
Maximum Consumption	100VA
Dimensions	161mm(L) x 74mm(W) x 52mm(H)
Weight	Approx 1.1 Kg
Protection Rating	IP 65



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