Artikel-Nr.: WSS2BA2BAT

Ausgwählte Kriterien System Wireless Entrapment Protection Device Gehäuse rechteckig Schaltabstand 6 ... 20 m Anschluss Klemmen Ausgang Externer Verstärker Material Kunststoff Sonstiges Schaltabstand 10 m Gehäuse 22 x 45 x 214 mm Material PC Zusätzlich Wireless Sub Controller

Kaufen von Electric Automation Network

Wireless Entrapment Protection Device
For Industrial Doors ESPE Type WSM / WSS ...
• Wireless Entrapment Protection Device for Industrial Doors
• Input for two ESPE (electro-sensitive protective equipment)
• Replaces cable between Door controller and ESPE
• Input for door-in-door sensor
• Output ESPE: 1 x SPST NC, 1 x SPST NO (8,2kΩ)
• Output low battery: 1 x SPST NC contact
• 2,4 GHz duplex communication
• Built-in antenna
• IP66 ratings
Product Description
Ordering Key
IC
WSM 2 B A 2 D24
Wireless Entrapment Protec- tion Device (EPD) for Industrial Doors. The system is designed to replace the con- nection cable between the ESPE (electro-sensitive protective equipment) and the door controller. The sub con- troller has input for either N.C. ESPE, N.O. 8.2 kΩ ESPE or the Carlo Gavazzi low con- sumption photoelectric ESPE N.C. contact. The system is designed for high reliability using 2.4 GHz duplex com- munication between the main controller and sub controller. The main controller can handle up to 4 sub modules i.e. one system can handle 8
ESPEs.
The sub controller is activated by a test signal from the main controller and stays active during the period of time set at the main controller up to 80 seconds.
Function
Main/Sub Controller

No of channels Mute function Adjustment Output
Power supply
Type Selection
Housing Range Type Ordering no. W x H x D Wireless
75 x 125 x 35 mm 10 m Main Controller WSM 2 B A 2 D24
45 x 214 x 22 mm 10 m Sub Controller WSS 2 B A 2 BAT
Housing Range Cable length Type Ordering no. W x H x D Sn
Ø11 x 24.5 mm 15 m 2 m Emitter PB 11 CNT 15 WE
Ø11 x 24.5 mm 15 m 12 m Receiver PB 11 CNT 15 WR
Specifications Main Controller (WSM)
Rated operational volt. (UB) 12 to 24 VAC/DC (-10 +15%)
Ripple (Urpp) ≤ 10% Supply current < 50 mA Communication Frequency 2.4 GHz Duplex
Number of channels 16 selectable via DIP switch
Sub Controller live time 10 – 80 sec.
Selectable via DIP-switches
Relay
ESPE NC SPST ESPE NO 8.2 kΩ SPST Low Battery SPST
1 A / 30 VDC
0,5 A / 30 VAC
>100.000 AC11 or DC11
Protection Reverse polarity, transients
Indications Main Controller
Power supply Green LED ESPE 1 or 2 active 2 x yellow LEDs Low Battery Red LED
Channels not synchronized Toggle red & green LED
Test input
(active high or active low) Selectable via DIP switch
Active high 12-24 V Active low 0 V
Test impulse time
Minimum pulse witd>Operating frequency 25 Hz per sub controller
Response time
OFF-ON (tON) ≤ 120 ms
ON-OFF (tOFF) ≤ 120 ms