

Datasheet

Wiegand interface for connection of up to two readers on RS485 interface



Wiegand interface

Technical data																			
Supply voltage	14.4 VDC +/- 10%																		
Communications, RS485 interface	MODBUS protocol, emulates two RS485 readers																		
Wiegand interface	Two interfaces and 12VDC power supply for readers																		
Operating temperature	0°C to +40°C																		
Wiring and cable installation																			
Max. cable distance from central to interface	50 m, see cable specifications for details																		
Max. cable distance from interface to readers	25 m (if confirmed by supplier of Wiegand reader)																		
Wiring RS485 BUS (4 terminal sockets):	<table border="0"> <tr> <td>twisted pair</td> <td>+</td> <td>9-24V DC input</td> </tr> <tr> <td></td> <td>-</td> <td>Ground</td> </tr> <tr> <td></td> <td>RA</td> <td>RS-485 BUS</td> </tr> <tr> <td></td> <td>RB</td> <td>RS-485 BUS</td> </tr> </table>	twisted pair	+	9-24V DC input		-	Ground		RA	RS-485 BUS		RB	RS-485 BUS						
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Wiring Wiegand readers (6 terminal sockets):	<table border="0"> <tr> <td>twisted pair</td> <td>12V</td> <td>DC+</td> </tr> <tr> <td></td> <td>GND</td> <td>Ground</td> </tr> <tr> <td></td> <td>D0</td> <td>Data 0</td> </tr> <tr> <td></td> <td>D1</td> <td>Data 1</td> </tr> <tr> <td></td> <td>BZ</td> <td>Beeper</td> </tr> <tr> <td></td> <td>GL</td> <td>Green LED</td> </tr> </table>	twisted pair	12V	DC+		GND	Ground		D0	Data 0		D1	Data 1		BZ	Beeper		GL	Green LED
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	GL	Green LED																	
Housing																			
Size	W: 90mm x H: 70mm x D: 72mm																		
Installation	Mounted in DIN rail box (5DIN)																		
Housing	Self-extinguishing material PC-ABS																		
IP protection	IP20																		
Colour	Grey																		
Weight	127g																		