

HID Long Range Reader

Wiring Connection Addendum

The HID Long Range Reader connects to an indicator through a Wiegand Converter Box.



Figure 1. HID Long Range Reader Wiring Schematic

HID Terminal	Description	Wiegand Terminal
P1-1	Beeper Input (BEEP)	-
P1-2	LED Input (GRN)	-
P1-3	Ground (GND)	GND
P1-4	+VDC	+V
P1-5	Unused (DRAIN)	-
P1-6	LED Input (RED)	-
P1-7	Hold Input (HOLD)	-

HID Terminal	Description	Wiegand Terminal
P2-1	GPIO4 (RS485-Y / TXA)	-
P2-2	GPIO3 (RS485-Z / TXB)	-
P2-3	Wiegand Data 0 / Data (DATA0/DATA)	DATA 0
P2-4	Wiegand Data 1 / Clock (DATA1/CLK)	DATA 1
P2-5	Open Collector Output / Tamper (OC/TMPR)	-
P2-6	GPIO2 (RS485 - RX8)	-
P2-7	GPIO1 (RS485-RXA)	-

Table 1. HID Long Reader Connections



Figure 2. HID Long Range Reader Wiring

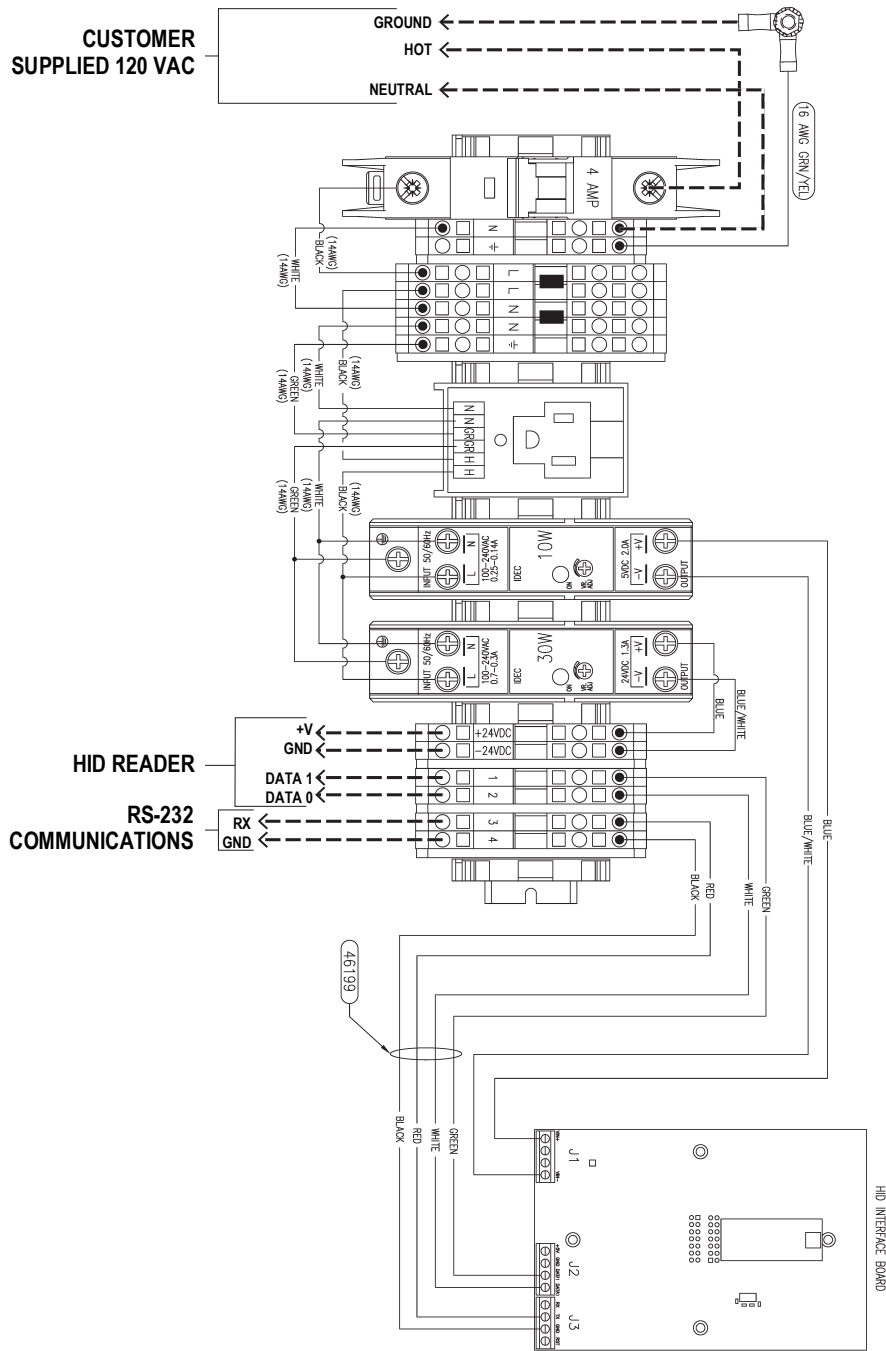


Figure 3. Wiegand Converter Box Wiring Diagram



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