

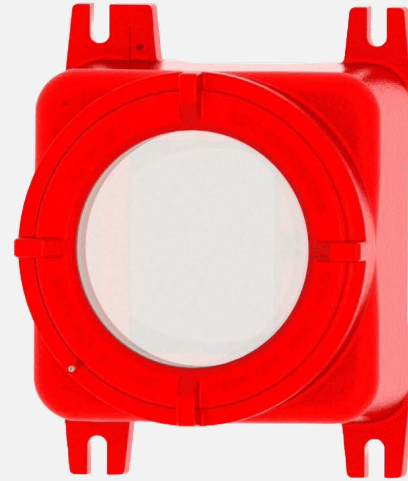
Spectrum

EX-JB-D1-READER-XXXXX

ID Badge Reader

Key Features

- Global Hazardous Compliance
- High-Security Tamper Unit
- Superior Thermal Safety
- Marine-Grade Durability
- Integrated Power Protection



Description

The EX-JB-D1-READER is a specialized, explosion-proof access control station designed for high-security checkpoints in the world's most demanding hazardous environments. Engineered to house a high-performance HID® badge scanner within a rugged, copper-free aluminum enclosure, it provides seamless personnel authentication for Class I and II, Division 1 areas. Featuring a clear viewing window and an integrated fused terminal block, this unit ensures that facility security and worker safety are never compromised, even in the presence of volatile gases and combustible dusts.

Technical Specifications

- Input Voltage: 12 VDC
- Current Draw: 75mA
- Output Voltage: 0-60 VDC (100mA Max)
- Temperature Range: -20°C TO +40°C
- Enclosure Material: Copper-Free Aluminum
- Mounting: Integral mounting feet (9.13" x 6.25" centers)
- Window Type: High-Clarity Tempered Glass
- For use with user supplied UL294 approved device.

Certifications & Warranty

Explosion-proof Certifications	cETLus 106453236DAL-0
Certifications	Class I, Division 1, Groups B,C,D, T6 Class I, Zone 1, Group IIB+H2, T6 Class II, Division 1, Groups E,F,G , T85 °C Zone 20 or 21, Group IIC, T 85°C
Standards	Conforms to: UL Standard 1203 Certified to: CSA Standard C22.2 #30 & #25 Intertek Listing: 5014759
Warranty	3 Years

Approvals



8935 ALMEDA GENOA RD.
HOUSTON, TEXAS 77075
USA
CONFORMS TO UL STANDARD 1203
CERTIFIED TO CSA STANDARD C22.2#30
CERTIFIED TO CSA STANDARD C22.2#25

MODEL: EXJB-D1-READER-XXXXX
SERIAL: XXXX-MN-DY-YEAR

Class I, Division 1, Groups B,C,D, T6
Class I, Zone 1, Group IIB+H2, T6
Class II, Division 1, Groups E,F,G , T85 °C
Zone 20 or 21, Group IIC, T 85°C

Input Voltage: 12 VDC, 75 mA
Output Voltage: 0-60 VDC, 100mA Max
Temp: -20°C TO +40°C, Type 4

CAUTION- To reduce the risk of ignition of hazardous atmospheres, disconnect the equipment from the supply circuit before opening. Keep assembly tightly closed when in operation
WARNING- To reduce the risk of ignition of hazardous atmospheres, conduit runs must have a sealing fitting connected within 2 inches of the enclosure
AVERTISSEMENTS: OUVRIR LE CIRCUIT AVANT D'ENLEVER LE COUVERCLE, or KEEP COVER TIGHT WHILE CIRCUITS ARE ALIVE and GARDER LE COUVERCLE BIEN FERMÉ TANT QUE LES CIRCUITS SONT SOUS TENSION
AVERTISSEMENTS: UN SCÉLÈMENT DOIT ÊTRE INSTALLÉ À MOINS DE 2 DU BOITIER