



AUTHORIZATION TO MARK


This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

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|-------------------|--------------------------------------|----------------------|--------------------------------------|
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Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Cortland, New York

Control Number: 4003551

Authorized by: 
for Thomas J. Patterson, Certification Manager



This document supersedes all previous Authorizations to Mark for the noted Report Number.

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Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations.
(UL 1203 Ed. 5 Dated November 22,2013).

Explosion-Proof Enclosures for Use in Class I Hazardous Locations General Instruction No 1-2 (R2012)
(CAN/CSA C22.2#30 Issue:1986/11/01 General Instruction No.2 1988, Reaffirmed 2012).

Enclosures for Use in Class II Groups E, F, and G Hazardous Locations General Instruction No 1 (R1992) (CSA C22.2#25 Issue:1966/01/01 Reaffirmed :1992)

Enclosures for Electrical Equipment, Non-Environmental Considerations. (UL50 Twelfth Edition, Dated September 4, 2007)

Enclosures for Electrical Equipment, Environmental Considerations (UL 50E First Edition, Dated September 4, 2007)

Bonding of electrical equipment (CAN/CSA C22.2 No. 0.4-04; June 2004; approved February 2006 General Instruction No.2 2008/10/01)

Standard(s): Threaded Conduit Entries (CAN/CSA C22.2 No. 0.5-1982 Reaffirmed: 2012)

Explosive atmospheres – Part 0: Equipment – General requirements, UL 60079-0 (Sixth Edition, Dated July 26, 2013)

Explosive atmospheres — Part 0: Equipment — General requirements (CAN/CSA-C22.2 No. 60079-0:11 December 2011)

Explosive atmospheres - Part 1: Equipment Protection by Flameproof Enclosures 'd', UL 60079-1 (Edition: 6 Edition Date: April 10, 2009 Rev: 2013/8/9)

Explosive atmospheres — Part 1: Equipment protection by flameproof enclosures “d” (CAN/CSA-C22.2 No. 60079-1:11 Rev:2013/8/9)

Explosive atmospheres — Part 31 : Equipment dust ignition protection by enclosure “t”
(CAN/CSA C22.2 No. 60079-31:12, January 2012)

Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure “t”
ANSI/ISA-60079-31 (12.10.03)-2013

Product: Electric Solenoid Coil For use in
Class I Division 1 Group ABCD T4
Class II Division 1 Group EFG T4
Class III Division 1 Group EFG T4
Class I Zone 1 AEx d IIC Gb T4
Class II Zone 21 AEx tb IIIC Db T4
Ex d IIC Gb T4
Ex tb IIIC Db T4
Enclosure NEMA 4X
Model 60X18 coil evaluated for T6 temperature code also with ambient of -40°C to +40°C.

Brand Name: HAZ-LOC® coil

Models: EX-I40X13-12-DC-40-T4-D
EX: Hazardous Location
I or M: indicating ½” NPT or M20x1.5
40x13: Body length x tube/tubus diameter
12: Voltage (range from 12 VDC ...240 VDC & 24 VAC ... 240 VAC)
DC: DC or AC or TVS (which is DC with TVS diode)
40: Ambient temperature rating (+40°C/+90 °C)
T4: Temperature code T4
G or D: indicating the gas or dust atmosphere.