

HLE Series

EXPLOSION PROOF DRIVERS

WIRING INSTRUCTIONS

WIRING THE DRIVER

The back cover of the explosion-proof driver enclosure must be removed for access to the field connections. Exercise special care by completely removing the bolts and lifting the back cover to avoid damaging the machined surfaces. Prior to re-assembly, make certain that the joining surfaces of the enclosure are free of any foreign matter that would interfere with proper mating of the machined surfaces. Tighten all bolt cover bolts to 8-9 ft-lbs (96-108 in-lbs).

NOTE: To provide the specified protection in hazardous locations, do not apply any type of compound/sealant to the machined flange. The HLE-1(T) does not include a factory installed pipe seal. The installer must provide an appropriate connector as directed by local codes or authority having jurisdiction. A pipe seal with integral field wiring leads is included with the HLE-3(T).

The models HLE-1T and HLE-3T include an integral line matching transformer.

Refer to the wiring diagrams when connecting field wiring.

Regulatory Agency Listings:

UL: File E27820, Guide VCSV

Model	Power Rating	Voice Coil Impedance
HLE-1	60 Watts	16 Ohms
HLE-3	60 Watts	16 Ohms

IMP. OHMS	W 70V IN	W 25V IN
45	Do not use	15.0
85	60	7.5
125	40	5
250	20	2.5
500	10	----
1000	5	----
2000	2.5	----

UNDERWRITERS' LABORATORY LISTINGS		
DRIVER	CLASS / GROUP	For Atmosphere Containing
HLE-1(T)	Class 1/ Group C and D	Gas Atmospheres (Including Ethyl, Gasoline, Naphtha, Ether, Butane, Alcohols, Propane)
HLE-3(T)	Class 1/ Group B, C, and D	Gas Atmospheres (Including Ethyl, Ether, Gasoline, Naphtha, Alcohols, Butane, Propane) Hydrogen, Gas and Vapor, (Mfg Gas)

