INSTALLATION & MAINTENANCE INSTRUCTIONS

Products with Suffix -XIF

KEMA 02ATEX1199X

IECEx KEM 10.0030X

II 2 G Ex ia IIC T4…T6 Gb

II 2 D Ex ia IIIC T130°C...T80°C Db

In compliance with IEC 60079-0 : 2011 and IEC 60079-11 : 2011.

N.J. USA 07652
www.versa-valves.com

INS-XI-1
Rev D

Specifications

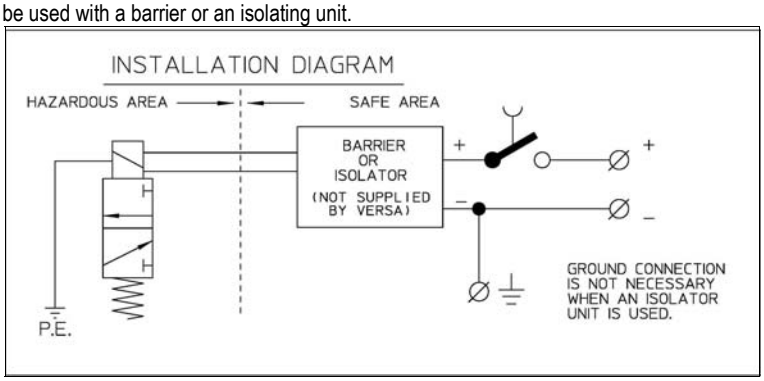
1. Supply / Input circuit
   Ui ≤ 28V Ii ≤ 160mA Pi = Per table below Ci = 0 nF and Li = 0 µH

   The relation between the max. allowed Pi, ambient temperature and temperature class is as follows:

MAX Allowed Power Pi	MIN Ambient temperature	MAX Ambient temperature	Temperature Class	MAX Surface temperature
0.8 W	- 40°C	+55°C	T6	80°C
1.0 W		+65°C	T5	95°C
1.3 W		+55°C	T4	130°C

INSTALLATION

1. Check nameplate for correct voltage and classification.
2. For optimum performance mount the operator horizontal.
3. Connection to the operator must be made via an approved cable entry. Must remain the degree of protection IP66 or IP67.
4. Must be used with a barrier or an isolating unit.



SEQUENCE OF INSTALLATION

1. Remove the 4 screws and remove cover.
2. Connect the incoming supply cable to the terminal block. (Not Polarity dependant)
3. The ground connection shall be connected to the potential equalizing system within the hazardous area.
4. Replace the cover by screwing the four screws.

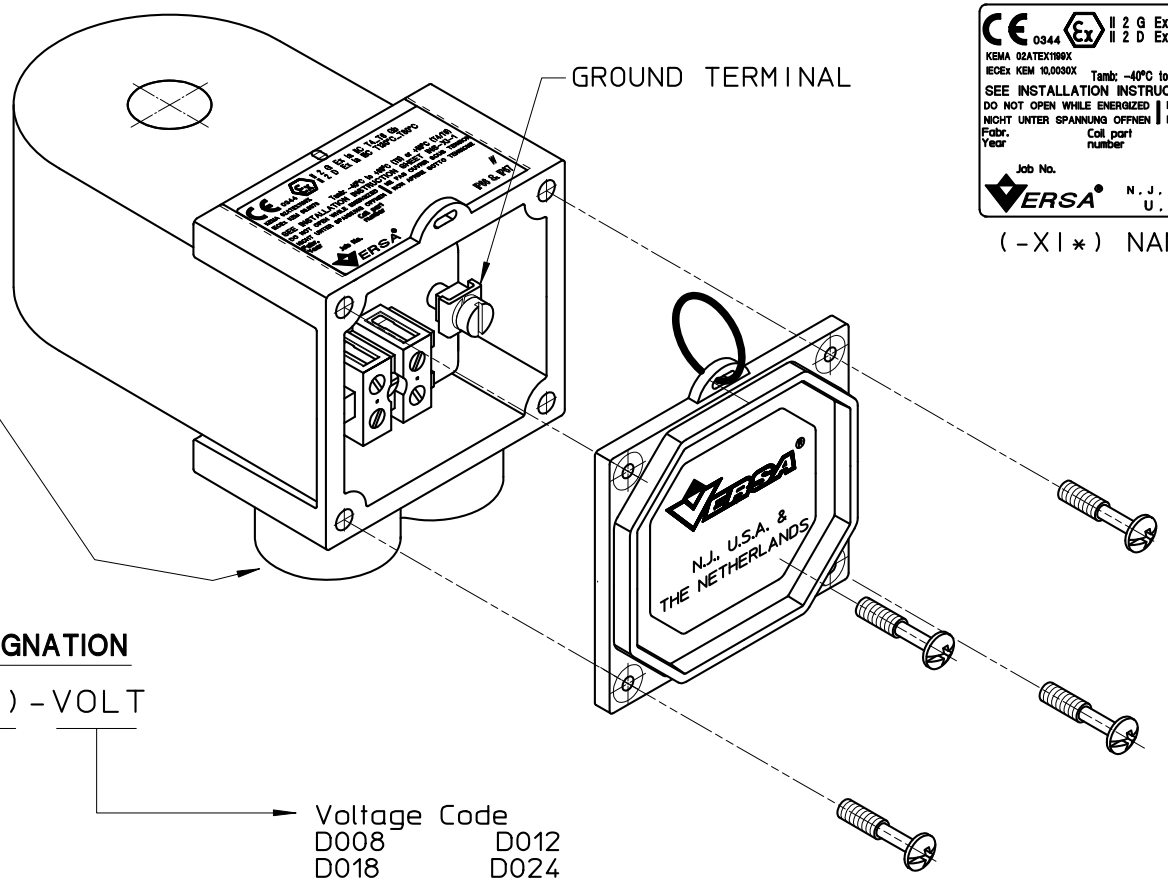
Special Conditions for safe use

Ambient temperature range shall be taken as: -40°C. to +65°C. (T5) or -40°C. to +55°C. (T6 & T4)
Electrostatic charges on the plastic enclosure of the Valve controller shall be avoided.
-prevent direct contact with floating dust -use only a damp cloth for cleaning the exterior surface.

MAINTENANCE

The solenoid operator itself does not require periodic maintenance.

Register your product at http://www.versa-valves.com/registration.htm



(-XI*) NAMEPLATE

EXPLANATION OF THE TYPE DESIGNATION

E-3198-(T1)-XI(T2)(T3)-VOLT

Voltage Code
D008 D012
D018 D024

D = DC Voltage (i.e. D024 = 24 Volts, DC)

Code related to type of conduit thread or cable entry (A to G)

Code related to the funtion mode of the coil:

A : coil with bridge rectifier (max. power 0,65 W or P barrier)

F : coil with power controller (inrush power 6 W & holding power 0,65W or P barrier)

Two digits, which are:
First: Bottom seat orifice (0-8)
Second: Top seat orifice (0-4)

For Example:
Standard orifice is 34
Bottom seat orifice is 3 = .047" (1,2mm)
Top seat orifice is 4 = .063" (1,6mm)

Basic product number