



Certificate of Compliance

Certificate: 70127590

Master Contract: 269774

Project: 70127590

Date Issued: 2017-05-30

Issued to: **ODE S.r.l.**
Via Borgofrancone, n. 18
Colico, Lecco 23823
ITALY
Attention: Lucia Fattori

The products listed below are eligible to bear the CSA Mark shown



Issued by: *Rajinder Jakhu*
Rajinder Jakhu

PRODUCTS

CLASS - C322101 - VALVES-General purpose

Electrically solenoid coils, Series GDV, LBV, BDV, UDV, ambient temperature -20°C to 60°C, Class H.

Model	Voltage, Frequency	Power	Duty cycle.
BDV08012CY	12VDC	11 W	100%
BDV08024CY	24VDC	11 W	100%
BDV08024DY	24V 50-60Hz	17 VA	100%
BDV08110AY	110V, 50Hz 120V, 60Hz	15 VA	100%
BDV08230AY	230V, 50Hz 240V, 60Hz	16 VA	100%
UDV12110AW	110V, 50Hz 120V, 60Hz	23 VA	100%
UDV12230AW	230V, 50Hz 240V, 60Hz	23 VA	100%
GDV14024CY	24VDC	14 W	100%
GDV14024DY	24V, 50-60Hz	32 VA	100%
GDV14110AY	110V, 50Hz 120V, 60Hz	27 VA	100%
GDV14230AY	230V, 50Hz	31 VA	100%



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	240V, 60Hz		
LBV05024CY	24VDC	7 W	100%
LBV05048CY	48VDC	8 W	100%
LBV05024BW	24V, 60Hz	12.5 VA	100%
LBV05110AY	110V, 50Hz 120V, 60Hz	10 VA	100%
LBV05230AY	230V, 50Hz 240V, 60Hz	11.5 VA	100%

Note:

1. Certified as electrical solenoid component models for general purpose application where suitable of combination shall be evaluated in final valve assembly.
2. This device have not been evaluated for safety applications or for use in hazardous locations
3. Installed in final valve assembly shall be subjected to requirements of standard C22.2 No. 139. The combination of these solenoid coil assemblies with the end use valve bodies shall be evaluated in accordance with the performance tests outlined in Standard CSA C22.2. No.139, with regard to the electrical, pressure, temperature ratings, fluid types and the product type designations.
4. In final valve assembly shall be subject to: Endurance, leakage and other applicable tests as per standard C22.2 No. 139.
5. This device must be provided with a suitable enclosure in accordance with the end-use standard.
6. This device is not acceptable for field wiring connection. The acceptability of connections to these terminals, including temperature, secureness, and strain relief means, and grounding must be investigated in the end use application.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 139-13 - Electrically operated valves - Fourth Edition



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70127590	2017-05-30	Original certification of Electrically solenoid coils, Series GDV, LBV, BDV, UDV.