



Certificate of Compliance

Certificate: 80018347

Master Contract: 190906

Project: 80018347

Date Issued: 2020-10-13

Issued To: DAB Pumps S.p.A.
14 Via Marco Polo
Mestrino, Padua, 35035
Italy

Attention: Sergio Sportoletti

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Muhunthan Vivekananthan
Muhunthan Vivekananthan

PRODUCTS

CLASS - C385101 - LIQUID PUMPS

CLASS - C385181 - LIQUID PUMPS Certified to US Standards

Submersible Pumps, Cord & Plug connected, supplied with integrated control. Maximum liquid temperature 50°C. The models are rated as follows;

| Model | Rating | Control type | Protection |
|---------------------------------|------------------------------------|--------------|--------------|
| DTRON2 35/90 and DTRON3 35/90 | 115 / 230 V, 60 Hz; 7.4/3.3 A Max. | ON/OFF | Thermal |
| DTRON2 45/90 and DTRON3 45/90 | 115 / 230 V, 60 Hz; 9.7/4.2 A Max. | ON/OFF | Thermal |
| DTRON2 35/120 and DTRON3 35/120 | 115 / 230 V, 60 Hz; 8.7/3.8 A Max. | ON/OFF | Thermal |
| ESYBOX DIVER 55/120* | 230 V, 50-60 Hz; 5.5 A Max. | VFD | Electronic * |



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* The hardware and software versions of the protective control for ESYBOX DIVER as follows;

| HVP / LVP - Dual Processor: | | | | | |
|------------------------------------|------------|--------|-----------------------|------------|--------|
| High Voltage Processor | | | Low Voltage Processor | | |
| HW Release | FW Version | CRC | HW Release | FW Version | CRC |
| R3 | 1.0.4 | 0x071A | R3 | 1.4.23 | 0x7437 |

Optional - Remotely mounted devices

The following devices may be supplied for use with the above pump assemblies.

1. Common Box (COM BOX), rated 100-240 V, 50/60 Hz, 0.1 A max. – For use with DTRON3 series models. The device is sold together with DTRON3
2. DConnect Box2, rated 100-240 V, 50/60 Hz, 0.1 A max. - For use with DTRON3 and ESYBOX DIVER series models. The device is sold together with ESYBOX DIVER and standalone as accessory for DTRON3 and other DAB pump models.

Notes;

- Above devices are intended to be installed in indoor location only
- Above devices connects with the pump Via PLC (power line communication) and enables the user to monitor and /or control the pump operation through a Wi-Fi network and does not manage any safety critical functions (protective functions).

APPLICABLE REQUIREMENTS

CSA C22.2 No. 108-14- 5th Ed. (Reaffirmed 2019) – Liquid Pumps.
 UL 778 6th Ed. (Rev. June 30, 2020) – Motor Operated Water Pumps.

Reference standards (used as a guide):

| | |
|---|---|
| CSA Standard C22.2 No 77- 14 - | ¾ Motors with inherent overheating protection |
| UL 1004-3 2nd Ed. (rev Jan 31, 2018) | ¾ Thermally Protected motors |
| UL Standard 1004-7 3 rd Ed. (Rev. June 2018) | ¾ Electronically Protected Motors ⁽¹⁾ |
| CAN/CSA-E60730-1:15 / UL 60730-1-5 th Ed | ¾ Automatic electrical controls for household and similar use- General Requirements- Annex- H. ⁽¹⁾ |
| CAN/ CSA-C22.2 No.60335-1:16 / UL60335-1- | ¾ Household and similar electrical appliances – Safety – Part 1: General Requirements. - Annex- R. ⁽¹⁾ |

⁽¹⁾ Applicable only for model ESYBOX DIVER.



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 |
|----------------|-------------|---|
| 80018347 | 2020-10-13 | Certification of Cord and plug connected submersible Pumps Models DTRON2, DTRON3 and ESYBOX DIVER |