



Electric Construction
Tourism Industry and
Trade Limited Co.



Pump Control Systems



We manage water.
You can use it safely.

BPL-U2 CONTROL PANEL



1. General Product Informations

The BPL-U2 control panel is a panel that has the opportunity to monitor and control the operating status and error details of the pumps in two-pump booster systems. The Panel includes a specially designed mainboard and 5 units of 7 segment display. System parameters can be easily adjusted from the setting menu with the Set / Up / Down buttons. There are automatic/manual selection buttons (which determine the operating mode of each pump), switches, pump operation and automatic operation LEDs, as well as SET/RESET/ESC buttons.

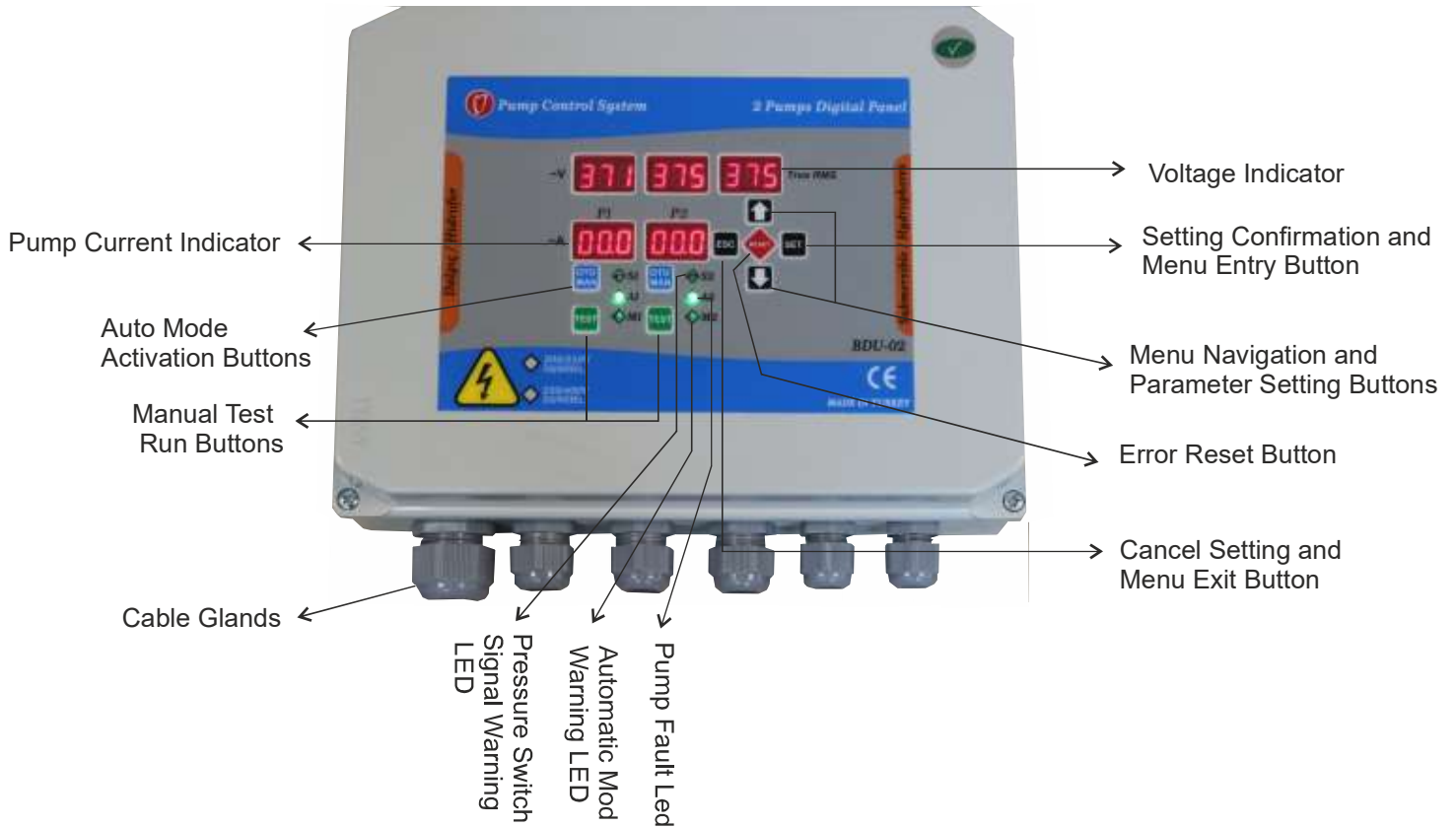


Figure1: BPL-U2 Panel Outer View

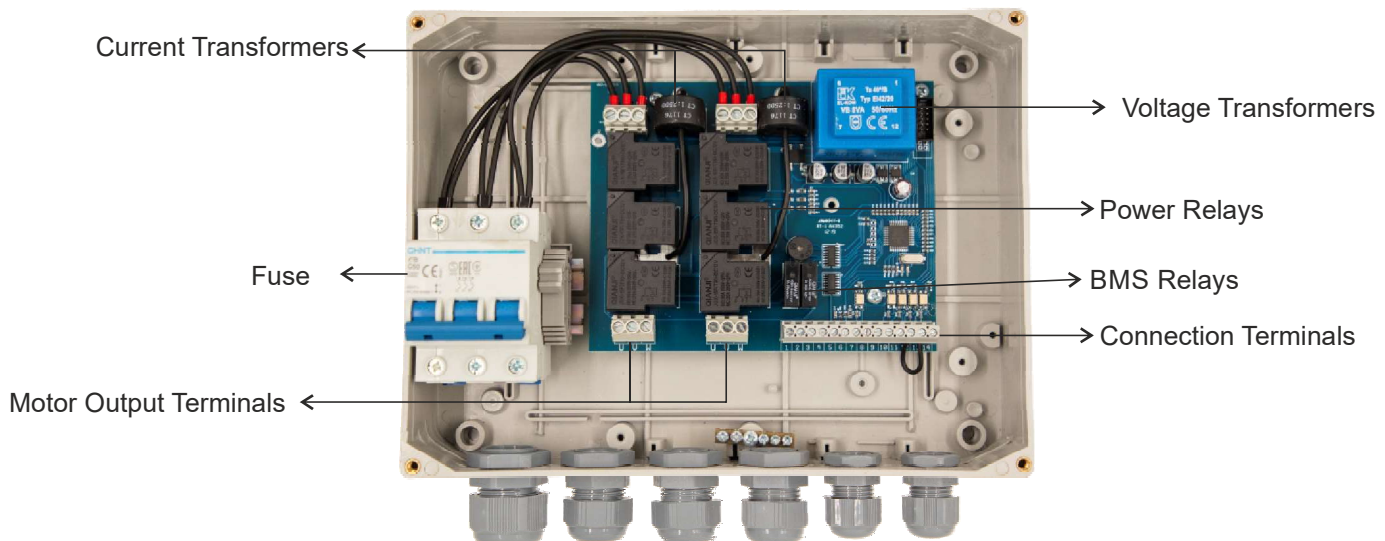


Figure 2. BPL-U2 Control Panel Inner View



Specifications

- 1** 16 bit microprocessor based design
- 2** 48 Mhz operating frequency.
- 3** 5 X 9,2mm 7 segment display
- 4** Automatic test solenoid valve output
- 5** Measuring 3 phase voltage values and displaying them on the screen.
- 6** Ability to set voltage protection upper and lower values.
- 7** Ability to monitor pump error conditions from the screen.
- 8** Ability to display pump currents from the screen
- 9** Ability to set pump upper and lower current values
- 10** Ability to limit the number of pumps engaged (switchgear) within 1 hour.
- 11** Automatic resetting of current errors.
- 12** Ability to set automatic reset waiting time and number.
- 13** Automatic and manual operation selection.
- 14** Operation as you press the test button in manual operation.
- 15** Protection against waterless operation by floater or electrode.
- 16** Undercurrent protection against dry running
- 17** Ability to see all error conditions on the screen.
- 18** Notifying error conditions with audible buzzer and relay contact.
- 19** Ability to use with pressure transmitter.
- 20** Ability to see the pressure value on screen when using with pressure transmitter.
- 21** Adjustment of set pressure value when using pressure transmitter.
- 22** Ability to display the pump running times on the screen.
- 23** Real-time warehousing

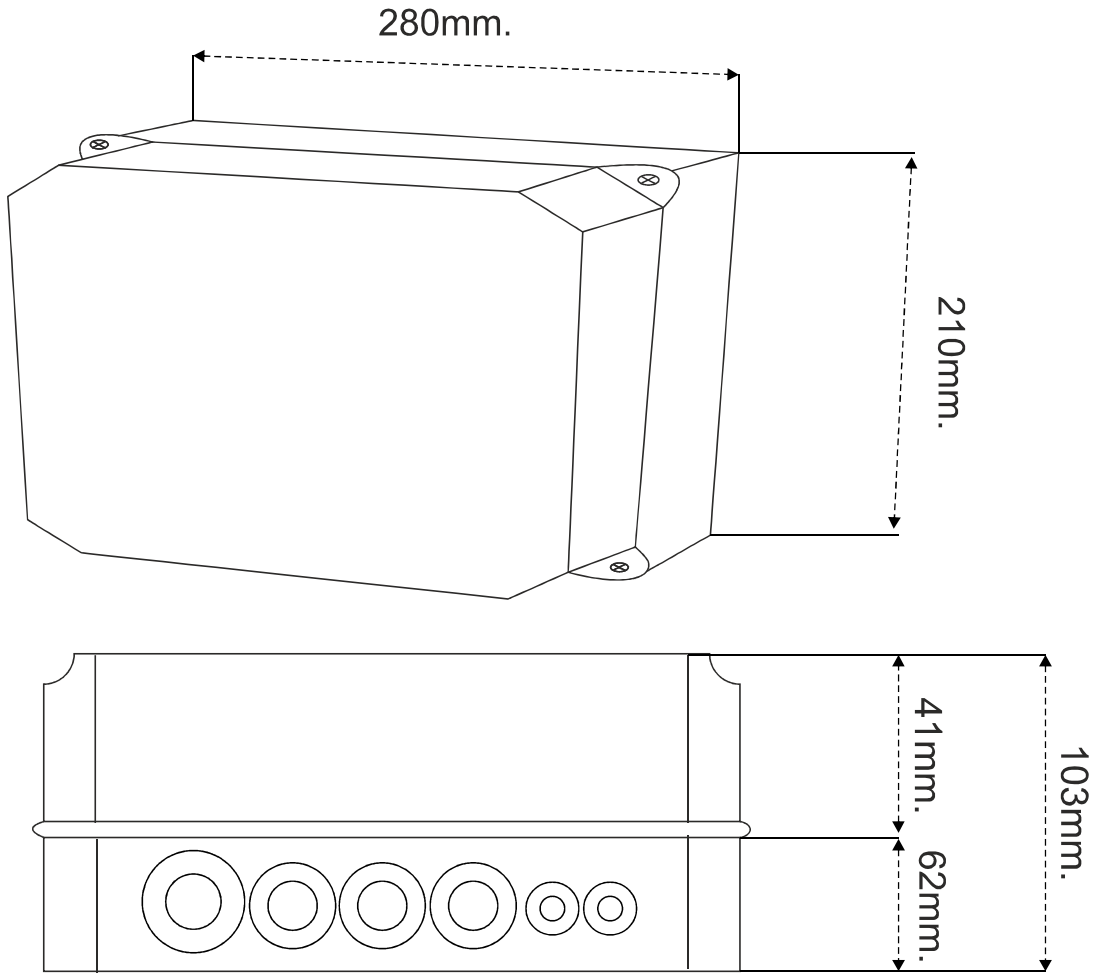


Figure 3. Panel Dimensions

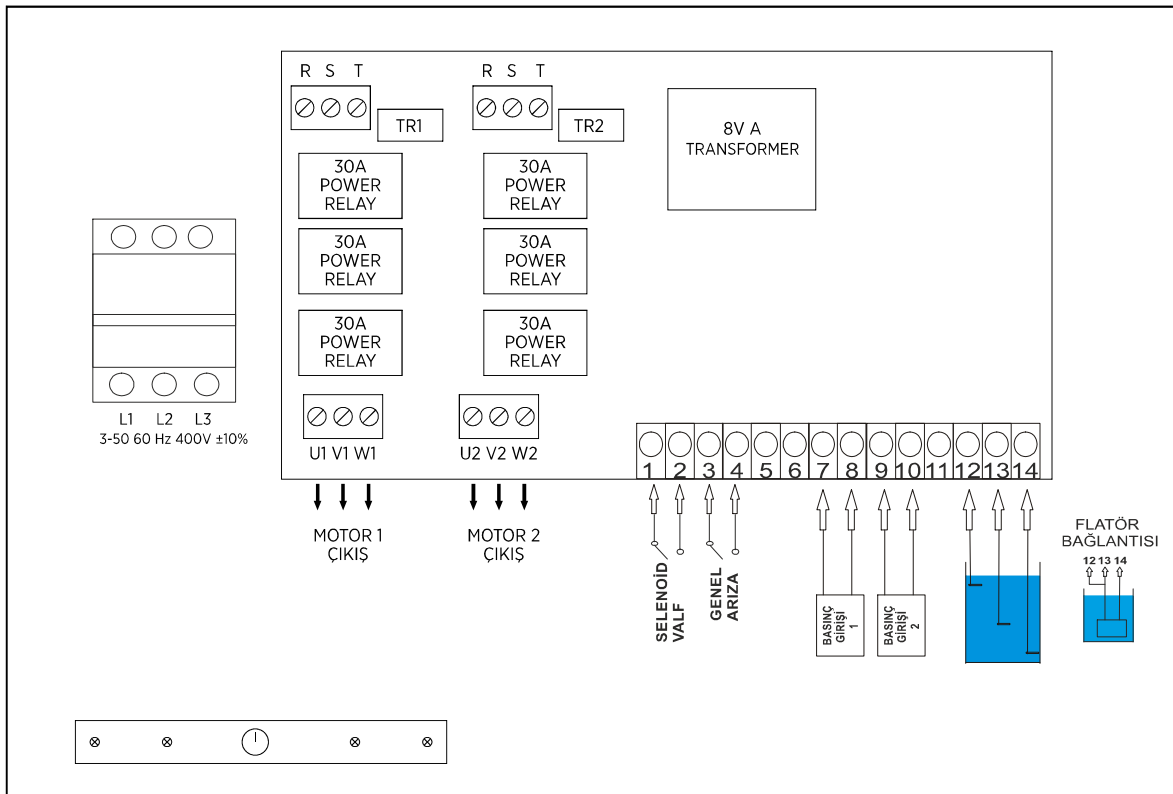


Figure 4. Connection Diagram





CERTIFICATE

Attestation of Conformity

Name and Address of Certificate Holder:
KRK ELEKTRİK İNŞ. TURZ. SAN. VE TİC. LTD. ŞTİ.
Esenler Mah. Gözde Sok. No:1 Pendik / İSTANBUL

Name and Address of Manufacturer:
KRK ELEKTRİK İNŞ. TURZ. SAN. VE TİC. LTD. ŞTİ.
Esenler Mah. Gözde Sok. No:1 Pendik / İSTANBUL

Brand:
BLACKSTN

Product Name:
Control Panel

Model No:
BPL-2; BPL-T; BPL-M; BPL-1T; BPL-1M; BPL-2T; BPL-2M;
BPL-3T; BPL-3M; BPL-U1T; BPL-U1M; BPL-U2T; BPL-U2M;
BPL-U3T; BPL-U3M

Test Required:
EN 61010:2010 & EN 61000-6-1:2007
EN 61000-6-3:2007/A1:2011/AC:2012

Certificate Number:
SE-226-03

Date of Issue:
27-01-2020

Expiration Date:
27-01-2021

Test Report Number:
1806.10.03/10
18-1195-R00-N00-00

Page:
1 of 1

The product meets the technical requirement of the above standards and hence fulfills the technical requirements of the following directives.

2014/35/EU Low Voltage Directive 2014/30/EU Electromagnetic Compatibility Directive

This certificate is only valid for the equipment and configuration described, in conjunction with the test data detailed above and with compliance with all applicable legal requirement for the product.

The CE Mark as shown below can be used, under the responsibility of the manufacturer or the importer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.

SIGNATURE







LVT Test Laboratuvarları Ltd. Şti.

Marmara Bulvarı No:10 Kat:2 Beşiktaş/İSTANBUL

DENEY RAPORU



Deney No: 1806.10.03/10

Deney Tarihi: 29.07.2018

Deney Yeri: İSTANBUL

Deney Adı: 18-1195-R00-N00-00

Deney Sonuçları: OLUMLU

Deney Sorumlusu: Mehmet ŞUMNU

Laboratuvar Müdürü: Caner EREN









TESTLA
Elektrik Laboratuvarları Tic. Ltd. Şti.

Kuzuluk Mah. Ankara Cad. No: 34
Akyazı / SAKARYA / TÜRKİYE

Tel: +90 264 437 97 70 Faks: +90 264 437 97 80



DENEY RAPORU
TEST REPORT

AB-0386-T

1806.10.03/00

27.07.2018

Müşteri Adı/Adresi <small>Client Name/Address</small>	KRK ELEKTRİK İNŞ. TURZ. SAN. VE TİC. LTD. ŞTİ. Esenler Mahallesi Gözde Sokak No: 1 Pendik / İSTANBUL		
Numunenin Adı ve Tanfı <small>Name and Identity of Test Item</small>	BLACKSTN Marka BPL-2T Tipi Kontrol Panosu		
Talep Numarası <small>Order No.</small>	1806.10	Numune Kabul Tarihi <small>Sample Acceptance Date</small>	28.06.2018
Rapor Sayfa Sayısı <small>Num. Of Pages of The Report</small>	21 + 5 sayfa ek Toplam 26 sayfa	Deney Tarihleri <small>Test Date(s)</small>	29.06.2018-23.07.2018
Deney Standartları <small>Test Standard(s)</small>	TS EN 61010-1: 05.06.2012 Ölçme, Kontrol Ve Laboratuvarında Kullanılan Elektriksel Donanım İçin Güvenlik Kuralları- Bölüm 1: Genel Kurallar		
Deney Sonuçları <small>Test Result(s)</small>	OLUMLU / Ayrıntılar aşağıdaki sayfalarda verilmiştir. <small>POSITIVE Details, are given on the following pages which are part of this report.</small>		
Açıklamalar <small>Remarks</small>			
<p>Bu rapor, yalnızca deneyleri yapılan numune-ler için geçerlidir. <small>The test results relate only to the items tested.</small></p> <p>Bu deney raporunda (B) işaretli deneyler, TÜRKAK tan alınmış akreditasyon kapsamında değildir. <small>Tests marked (B) in this test report are not included in the TÜRKAK accreditation schedule for this laboratory.</small></p> <p>Deney laboratuvarı olarak faaliyet gösteren TESTLA Elektrik Laboratuvarları TÜRKAK' tan AB-0386-T ile TS EN ISO/TS EN 17025:2012 standardına göre akredite edilmiştir. <small>TESTLA Elektrik Laboratuvarları accredited by TÜRKAK under registration number AB-0386-T for TS EN ISO/TS EN 17025:2012 as test laboratory</small></p> <p>Türk Akreditasyon Kurumu(TÜRKAK) deney raporlarının tanınırığı konusunda Avrupa Akreditasyon Birliği(EA) ile Çok Taraflı Anlaşma ve Ulaştırılması Laboratuvar Akreditasyon Birliği(LAC) ile karşılıklı tanıma anlaşması imzalamıştır. <small>Turkish Accreditation Agency (TÜRKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports.</small></p> <p>Deney ve veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu sertifikanın tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. <small>The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.</small></p>			
Mühür <small>Report Date</small>	Rapor Tarihi <small>Report Date</small>	Deney Sorumlusu <small>Person in Charge of Test</small>	Laboratuvar Müdürü <small>Laboratory Manager</small>
	27.07.2018	 Mehmet ŞUMNU	 Caner EREN

Bu rapor, laboratuvarımızın yazılı izni olmadan kiemen kopyalanıp çoğaltılamaz. İmzasız raporlar geçerli değildir.
This report shall not be reproduced other than in full except with the permission of the laboratory. Testing reports without signature is not valid.

Quality Certificates