

## LDP-V BOB

Breakout Board for LDP-V & LDP-AV Series (except LDP-V/-AV 10-/40-70)

Rev. 1905



- Compatible with most LDP-V and LDP-AV drivers
- Galvanically isolated trigger input
- Three different signal types for trigger input
- Overtemperature shutdown
- External high voltage input
- External disable connection
- Directly attachable on the driver

### Product Description

The LDP-V BOB can be directly attached on top of the drivers of the LDP-V and LDP-AV series (except LDP-V/-AV 10-/40-70). For easy handling, all important inputs and signals (i.e. supply voltage, pulse input trigger) can be applied with it.

The trigger input pulse can be connected as 50  $\Omega$  input signal, 5 V TTL signal or with a low voltage differential signal (LVDS).

On a soldering junction a disable signal can be connected. All input signals (trigger pulse and disable) are galvanically isolated. An external HV-DC supply can be connected straightly to the LDP-V BOB.

A LED indicates an overtemperature of the connected driver. The complete supply voltage for the LDP-V BOB and the driver can be connected with a screw connector.

### Technical Data\*

Supply voltage	+15 V supply voltage BOB and driver via screw terminal
Pulse trigger input	LVDS, 5 V TTL into 4700 $\Omega$ or 50 $\Omega$ via SMC-connector**
Disable input	5 V TTL (20 mA)
External HV power supply	0 .. 120 V
Min. pulse width	7 ns
Trigger delay	57 ns
Dimensions in mm	63 x 36 x 17
Weight	14 g
Operating temperature	-20 to +55 °C

\* Technical data is subject to change without further notice.  
\*\* See user manual for details.

Compatible Products: LDP-V 03-100  
LDP-V 50-100  
LDP-V 80-100  
LDP-V 240-100  
LDP-AV D06-N20  
LDP-AV D06-N10