



### ► Application

The ETL-8VP is an compact vehicle-based system, which is used for the following purposes:

- Cable testing up to 8 kV DC
- Cable faulty place burning
- Fault prelocating using Time-Domain Reflectometer RIF-9P working in:
  - TDR mode
  - Arc-Reflection mode
  - Impulse Current Mode
  - Voltage coupling mode
- Precise pinpointing with ground microphone
- Cable route tracing (optional).



## ► Technical specifications

Parameter	Value
<b>GENERAL parameter</b>	
Input voltage, V	230 ± 23
Frequency, Hz	50 ± 1
Power consumption, kVA, max	1.0
<b>TEST MODE</b>	
Output DC voltage range, kV	0 – 8
Output DC current range, mA	0 – 10
<b>BURN MODE</b>	
Output DC voltage range, kV	0 – 8
Output DC current range, mA	0 – 100
<b>SURGE MODE</b>	
DC voltage ranges, kV	2 / 4 / 8
Output energy, J, max	1000
Timer set (automatic surge mode)	3 – 15 seconds
Manual single surge	✓
Flexible voltage change during automatic operation	✓
Pinpointing with an acoustic receiver	✓
<b>PRELOCATION MODE <sup>1</sup></b>	
Methods	TDR / Arc reflection/ Impulse current/ Voltage coupling
Automatic distance measuring	✓
Saving cable parameters into Reflectometer non-volatile memory	✓
Saving reflectograms either to Reflectometer non-volatile memory or USB flash drive	✓
<b>CABLE TRACING MODE <sup>2</sup></b>	
Cable tracing using 50W audio-frequency generator with frequencies 491/ 982/ 8440 Hz with a receiver	✓

<sup>1</sup> - Learn more from KEP RIF-9P page;

<sup>2</sup> - Learn more from KEP LFG-50P page.

