

# CAR LD-PS

## Electronic LOAD DUMP GENERATOR

EMC-Test Equipment for electrical installation of vehicles

### Highlights:

- Remote controlled
- High resolution and low step size
- Voltage 0 - 202V
- Rise time variable 2- 20ms
- Tail time variable 40- 1000ms
- Step less, variable Clamping
- Modular and extendable



LD-PS

Pulses	Waveform	Ri (in combination with CAR-SYS)
Pulse #5	variable	0.5 Ω - 8.0 Ω
Test A		
Test B		

According to  
**ISO 16750-2**

Compact EMC test unit designed for testing electromagnetic immunity of the electrical installation of vehicles and components against supply line transients.

CAR LD-PS includes generation of pulses #5 / Test A and Test B. It is designed to be connected to the power supply interface of the CAR-SYS.

The software program CAR-REMOTE allows full remote control of the test generator via Ethernet interface as well as documentation and evaluation of test results, accordingly to the IEC 17025. To record definite impulses, it is equipped with an Impulse Recording Function (IRF).

It is characterized by its compact design and easy operation.

Sales Partner:



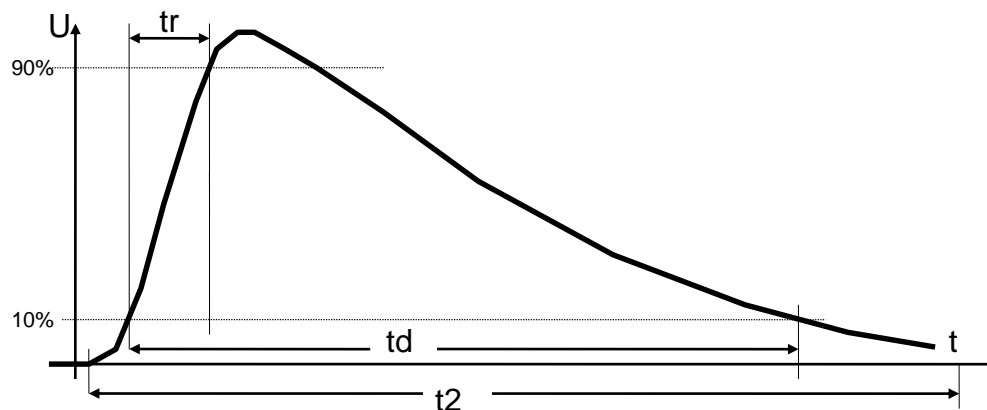
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TECHNICAL SPECIFICATIONS		CAR LD-PS
<b>Mainframe</b>		
Ethernet Interface for remote control of the generator		built-in
Connector for external safety interlock loop		built-in
Mains power		400V, 50/60 Hz
Dimensions: desk top case W * H * D		483*352*500 mm <sup>3</sup>
Weight		45 kg
<b>PC software for remote control</b>		<b>CAR-REMOTE</b>
CAR Remote software test package, running under Microsoft Windows, for the external control of the device ( XP, WIN7, WIN10 ) includes a Ethernet PC Interface		required
<b>Load Dump Generator, acc. to ISO 16750-2</b>		
Test method Test A		for U <sub>N</sub> 12V / 24V
Test method Test B suppression		for U <sub>N</sub> 12V / 24V
U <sub>s</sub>	0-202V	steps 1V
I <sub>max</sub>	55A	
R <sub>i</sub> (only in combination with CAR-SYS)	0.5 - 8Ω; 0.8Ω	steps 0.5Ω
t <sub>d</sub>	40 - 1000ms	steps 1ms
t <sub>r</sub>	2 - 20 ms +0/-5ms	steps 1ms
Repetition	1 - 100 s	steps 1s

### Waveform: Test A



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