

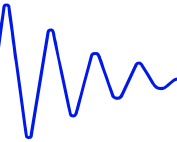
Pulse Generator type LDG



The Load Dump Generator (LDG) generates the pulses 5 according to ISO 7637-2. These pulses may occur in the event of a discharged battery being disconnected while the alternator is generating charging current and with other loads remaining on the alternator circuit at this moment.

Technical Data

| Type | LDG 35/I | LDG 100/I | LDG 200/I |
|----------------------|--------------------------------------------------------------------------------------------------------------------|-----------|-----------|
| Application: | Generation the pulses 5 according to ISO 7637-2 | | |
| Idle output voltage: | 40V ... 200V | | |
| Pulse width: | 40ms / 50ms / 60ms / 75ms ... 400ms (resolution 25ms) | | |
| Pulse rise time: | 5 ... 10ms | | |
| Pulse accuracy: | Corresponding to ISO 7637-2:2004 (calibrated at battery voltage $U_B / U_A = 0V$) calibration cycle: 1 year | | |



| | | | |
|---------------------------------------------------|-----------------------------------------------------|------|------|
| Polarity: | Positive | | |
| Max. energy: | 2250W _p | | |
| Repetition rate: | max. 40s | | |
| Source resistor: | 0.5Ω ... 12.5Ω (resolution 0.1Ω) | | |
| Battery supply: | | | |
| Max. voltage: | 60V | 60V | 60V |
| Cont. current : | 35A | 100A | 200A |
| Interfaces (optional): | IEEE488 / RS232 | | |
| Power supply: (+6% -10%, 50Hz ... 60Hz) | 230V/400V | | |
| Protection: | 6.3A | | |
| Contacteur type: | CEE-plug | | |
| Ambient temperature: | 0°C ... +40°C | | |
| Housing: | 19"-plug-in unit (6U), colour light grey (RAL 7035) | | |
| Dimensions: | approx. H=267mm; W=483mm; D=600mm | | |
| Weight: | approx. 60kg | | |

| | |
|-----------------|------------------------------|
| Options: | |
| Pulse #7 | Special mains supply voltage |