

Vehicle Mounted Multimedia Voltage Disturbance Simulation

Generator TSS 2430

Datasheet



In Compliance with

> VW 80972

Introduction

As per the requirements of VW 80972, while starting the engine, there will be a transient low voltage which may effect the status of vehicle mounted radio and navigation equipments, even cause instantaneous power off, but the radio or navigation equipments need recover to be the status before starting after the voltage recovering. This test system is mainly used to simulate the voltage drop of the engine starting and low voltage disturbance. It can be customized according to different requirements.

Features

- > Programmable and add freely by software, delete a pulse, name a pulse or change the number of pulses
- > Can release a single pulse, 12 pulses in total, for single function, for example FM1,FM2,FMAS,AM1, AMAS,CD-DA,CD-MP3, USB,SD, ect, it can provide pulse detection
- > For every broadcast status of the radio, three kinds of pulse tests can be provided
- > Can release groups of pulses continuously to do tests, 240 in total
- > System composition: Generator, DC source and PC

Application Areas

- > Automobile

Technical parameters			
Parameter	Prufimpuls, normal	T8	0-20 s (1 s step)
UB	12.0 V	Tf	10-100 ms (1 ms step)
UG	16.0 V	T14	0-100 ms (1 ms step)
US	3.0-10.0 V (0.1 V step)	T15	0-0.5 s (0.1 s step)
UA	Us+1.5 V	T16	0-100 ms (1 ms step)
UR	2 V	f	2 Hz
Uripple	1 V	fripple	200 Hz
Tr	<1 ms	Load current	0-10 A
T6	0-100 ms (1 ms step)	Operating interval	0.1-60 s
T7	10-100 ms (1 ms step)	Operating times	1-99



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