

# RDS 200N

## AUXILIARY DC VOLTAGE SOURCE FOR AUTOMOTIVE TESTING



### FOR TESTS ACCORDING TO ...

- › Chrysler CS-11809 (2009)
- › Chrysler PF-9326
- › DaimlerChrysler DC-10615
- › DaimlerChrysler PF-10541
- › Ford EMC-CS-2009.1
- › Ford ES-XW7T-1A278-AB
- › Ford ES-XW7T-1A278-AC
- › Ford WDR 00.00EA
- › GMW 3172
- › Hyundai ES 39110-00
- › ISO 16750-2
- › Mack Trucks 606GS15
- › Mazda MES PW 67600
- › Nissan 28401 NDS 02
- › PSA B21 7110
- › Renault 36.00.808/--D
- › Renault 36.00.808/--E
- › Renault 36.00.808/--F
- › Renault 36.00.808/--G
- › Renault 36.00.808/--H
- › Renault 36.00.808/--J
- › ...

### RDS 200N - THE SMART DC POWER SUPPLY 16V / 10A

The RDS 200N is a DC voltage power supply used in combination with the AutoWave generator to test supply voltage profiles such as required in Ford ES-XW7T, test procedure CI 230 and a number of other car manufacturer requirements.

The RDS 200N is also used as an external power supply needed for voltage dip testing in combination with the PFS 200N series.

The RDS 200N is fully remote-controlled via its 0-10Vdc analog input either via AutoWave or PFS 200Nx.

### HIGHLIGHTS

- › **16V/10A DC voltage source**
- › **DC - 5kHz bandwidth**
- › **Sine ripple capability of 8Vp-p**
- › **Built-in current sink**
- › **0 - 10VDC analog input for control by AutoWave (or any other signal generator) or PFS 200N**
- › **LCD Display for voltage and current**
- › **Over voltage/over current protection**

### APPLICATION AREAS



AUTOMOTIVE

**TECHNICAL DETAILS**

**RDS 200N DC POWER SUPPLY**

MODEL CONFIGURATION	
RDS 200N	Remote-controlled DC source 16V/10A
	For other voltage/current values contact factory

OUTPUT	
Voltage	0V - 16V
Current	max. 10A
Bandwidth	DC - 5kHz with 8Vpp (-3dB)
Monitor	Front panel display
DUT Supply +/-	Safety laboratory plugs

CONTROL	
Analog input	0V - 10V / 10kohm / DC - 5kHz

APPLICATION	
1. DC source	For voltage dip testing as per - Chrysler PF 9626 - Chrysler PF-10541 - Ford ES-XW7T (CI 260) - DaimlerChrysler DC-10615 - GMW 3172 - Nissan 28401 NDS02 - PSA B21 7110 - Renault 36.00.808/--D through J and more
2. Arbitrary wave	For power cycling as per - Ford ES-XW7T for CI 230 - Mazda MES PW 67600 - Toyota TSC 3590G - Toyota 6203G and more
	ESC's with more than two simultaneous power inputs require the AutoWave and one RDS 200N for each DUT input.

INTERFACE	
Analog input	To connect an external signal generator such as AutoWave or PFS 200Nx or VDS 200B-PF

GENERAL DATA	
Dimensions, weight	19"/3HU, approx. 15kg
Supply voltage	115V/230V +10%/-15%
Fuses	Depending on type and power mains supply

OPTIONS	
AutoWave	2-/4-channel arbitrary generator
ARB 2714	Single channel arbitrary generator

# COMPETENCE WHEREVER YOU ARE



## CONTACT EM TEST DIRECTLY

### Switzerland

AMETEK CTS GmbH › Sternenhofstraße 15 › 4153 Reinach › Switzerland  
Phone +41 (0)61 204 41 11 › Fax +41 (0)61 204 41 00  
Internet: [www.ametek-cts.com](http://www.ametek-cts.com) › E-mail: [sales.conducted.cts@ametek.com](mailto:sales.conducted.cts@ametek.com)

### Germany

AMETEK CTS Europe GmbH › Customer Care Center EMEA › Lünener Straße 211  
› 59174 Kamen › Germany  
Phone +49 (0) 2307 26070-0 › Fax +49 (0) 2307 17050  
Internet: [www.ametek-cts.com](http://www.ametek-cts.com) › E-mail: [info.cts.de@ametek.com](mailto:info.cts.de@ametek.com)

### Poland

AMETEK CTS Europe GmbH › Biuro w Polsce › ul. Twarda 44 › 00-831 Warsaw › Poland  
Phone +48 (0) 518 643 12  
Internet: [www.ametek-cts.com](http://www.ametek-cts.com) › E-mail: [Infopolska.cts@ametek.com](mailto:Infopolska.cts@ametek.com)

### USA / Canada

AMETEK CTS US › 52 Mayfield Ave › Edison › NJ 08837 › USA  
Phone +1 732 417 0501  
Internet: [www.ametek-cts.com](http://www.ametek-cts.com) › E-mail: [usasales.cts@ametek.com](mailto:usasales.cts@ametek.com)

### P.R. China

E & S Test Technology Limited › Rm 913, Leftbank ›  
No. 68 Bei Si Huan Xi Lu › Haidian District › Beijing 100080 › P.R. China  
Phone +86 (0)10 82 67 60 27 › Fax +86 (0)10 82 67 62 38  
Internet: [www.emtest.com](http://www.emtest.com) › E-mail: [info@emtest.com.cn](mailto:info@emtest.com.cn)

### Republic of Korea

EM TEST Korea Limited › #405 › WooYeon Plaza › #986-8 › YoungDeok-dong ›  
Giheung-gu › Yongin-si › Gyeonggi-do › Korea  
Phone +82 (31) 216 8616 › Fax +82 (31) 216 8616  
Internet: [www.emtest.co.kr](http://www.emtest.co.kr) › E-mail: [sales@emtest.co.kr](mailto:sales@emtest.co.kr)

### Singapore

AMETEK Singapore Pte. Ltd › No. 43 Changi South Avenue 2 › 04-01 Singapore  
48164  
Internet: [www.ametek-cts.com](http://www.ametek-cts.com) › E-mail: [singaporesales.cts@ametek.com](mailto:singaporesales.cts@ametek.com)

### Great Britain

AMETEK GB › 5 Ashville Way › Molly Millars Lane › Wokingham › Berkshire  
RG41 2 PL › Great Britain  
Phone +44 845 074 0660  
Internet: [www.ametek-cts.com](http://www.ametek-cts.com)

Information about scope of delivery, visual design and technical data correspond with the state of development at time of release. Subject to change without further notice.