

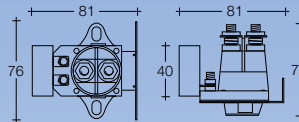
June 2011

VOLTAGE SENSITIVE RELAYS

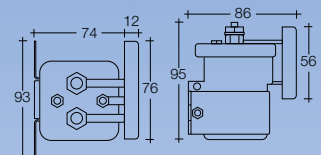
Suitable for a wide variety of 12V DC applications, the new Projecta VSR Units & VSR Kit sense the input voltage and automatically connect/disconnect the appliance or circuit at pre-set voltages. Fully sealed to IP66 and surge protected, the VSR units feature a manual override function allowing the user to engage the solenoid from as low as 10V. VSR units are ideal for dual battery setups as they enable the batteries to be paralleled for high power usage, eg jumpstarting or winching.



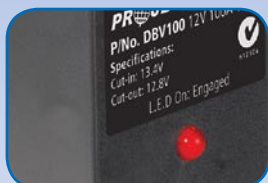
P/No. VSR100



P/No. VSR200



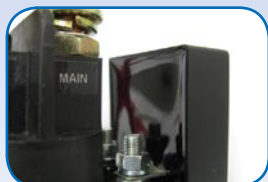
FEATURES



L.E.D Indicator
L.E.D illuminates when VSR is activated



Silver Tip Contacts
Provide exceptional current transfer



Sealed Electronics
Prevents dust and water ingress (IP66)



Manual Override
Bypasses automatic settings allowing relay to engage below set voltages



Surge Protection
Built-in protection guards vehicle against voltage spikes

Part No.	VSR100	VSR200
Description	12V 100A Voltage Sensitive Relay	12V 200A Voltage Sensitive Relay
Barcode	9315219121011	9315219200129
Availability	Ex Stock	
Carton Qty	1 (retail gift box) 12 (outer carton)	1 (retail gift box) 12 (outer carton)
Specifications:		
Voltage	12V	
Charging current	100A Continuous 200A Peak	200A Continuous 400A Peak
Cut-in voltage	13.4V	
Cut-out voltage	12.8V	
Cut-out delay	8 seconds	
Min operating voltage	10V	
Charge type	Parallel	
Control	MCU	
Mounting	Surface/firewall	
Current draw	Charging 550mA (standby 10mA)	Charging 680mA (standby 10mA)
Surge protection	Built-in	
Ingress protection	IP66	
Override	Requires minimum 10V	
Recommended fuse	150A	250A
Minimum cable size	14mm ² (6 B&S)	32mm ² (2 B&S)
Approvals	EMC	
L.E.D charge indication		
● Red light	Power on	

12V 100A VOLTAGE SENSITIVE RELAY KIT

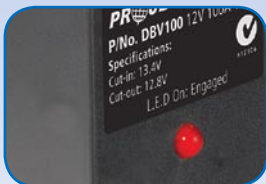
The new voltage sensitive relay kit is an affordable, reliable and easy to install dual battery management system that includes everything required for an easy and professional installation. The VSR Kit requires no modification to the vehicle's wiring, and is fully sealed (IP66) with 4m of main cable allowing the auxiliary battery to be mounted either side of the engine bay.



KIT COMPRISES

- 100A voltage sensitive relay (P/No. VSR100)
- Rocker switch, lugs, terminals, heat shrink and cable ties
- 4m main cable and 60cm aux earth cable
- Auxiliary battery terminals (2 x pos, 1 x neg)

FEATURES



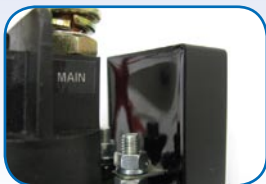
L.E.D Indicator

L.E.D illuminates when VSR is activated



Silver Tip Contacts

Provide exceptional current transfer



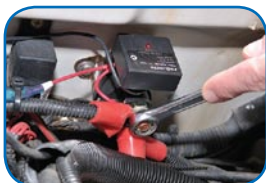
Sealed Electronics

Prevents dust and water ingress (IP66)



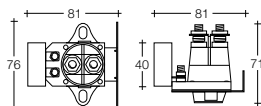
Manual Override

Bypasses automatic settings allowing relay to engage below set voltages



Surge Protection

Built-in protection guards vehicle against voltage spikes



Part No.	VSR100K
Description	12V 100A Voltage Sensitive Relay Kit
Barcode	9315219100870
Availability	Ex Stock
Carton Qty	1 (retail gift box) 6 (outer carton)
Specifications:	
Voltage	12V
Charging current	100A Continuous, 200A Peak
Cut-in voltage	13.4V
Cut-out voltage	12.8V
Cut-out delay	8 seconds
Min operating voltage	10V
Charge type	Parallel
Control	MCU
Mounting	Surface/firewall
Current draw	Charging 550mA (standby 10mA)
Surge protection	Built-in
Ingress protection	IP66
Override	Requires minimum 10V
Recommended fuse	150A
Cable size	14mm ² (6 B&S)
Approvals	EMC
L.E.D charge indication	
● Red light	Power on