**BVR01** 

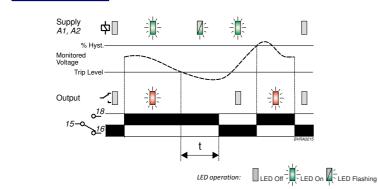
# Low battery voltage mointoring relay 12V 24V





- 17.5mm DIN rail housing
- Microprocessor based
- Suited to 12V and 24V batteries
- Monitors own supply and detects and Under voltage condition
- Adjustment for Under voltage trip level (9 28V)
- Adjustment for Time delay (from an Under voltage condition)
- 1 x SPDT relay output 8A
- Green LED indication for supply status
  - **Red LED indication for relay status**

#### FUNCTION DIAGRAM •



- INSTALLATION AND SETTING ٠
- Installation work must be carried out by qualified personnel.
- BEFORE INSTALLATION, ISOLATE THE SUPPLY.
- Connect the unit as required taking note of the polarity of the connections. Terminal A1 is the positive connection and A2 the negative.

### Setting the unit.

- Set the Under voltage "Trip Level (V)" 4 adjustment to the voltage required. •
- Set the "Delay (t)" 🕄 to minimum.

## Applying power.

- Apply power and the green "Power supply" 1 and red "Relay" 2 LED's will illuminate, the relay will energise and contacts 15 and 18 will close. Refer to the troubleshooting table if the unit fails to operate correctly.
- If the supply voltage drops below the trip level setting, the green LED will start to flash. The relay will then de-energise (contacts 15 and 18 open) after the delay period "t" and the red LED will extinguish. The green LED will then remain permanently lit.
- When the voltage increases above the trip level + hysteresis, then relay will re-energise and red LED illuminate.

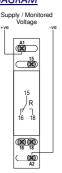
#### Troubleshooting

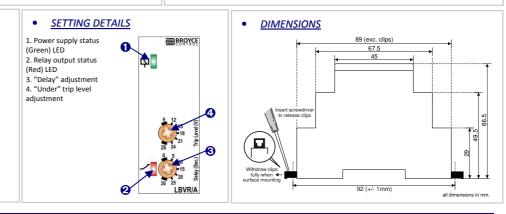
The table below shows the status of the unit during a fault condition

Supply fault	Green LED	Red LED	Relay
No supply	Off	Off	De-energised
Under voltage condition (during timing)	Flashing	On	Energised for set delay (t)
Under voltage condition (after timing)	On	Off	De-energised

• TECHNICAL SPECIFICATION     Supply/monitoring voltage     U (A1, A2):   12 - 24V DC     Supply variation:   75 - 125% U     Power consumption (max.):   3W     Monitoring mode:   Under voltage     Trip level:   9 - 28V DC     Hysteresis:   ≈ 5% of trip level (factory set)     Setting accuracy:   ± 10%     Response time:   ≈ 100mS     Time delay (t):   0 - 30 Sec. (± 5%)     Note: actual delay (t) = adjustable delay + response time     Power on delay (Td):   ≈ 1 sec. (worst case = Td x 2)     Power on indication:   Reed LED     Ambient temp:   -20 to +60°C     Relative humidity:   +95%     Output (15, 16, 18):   SPDT relay     Output (15, 16, 18):   SPDT relay     Output rating:   AC1   250V 8A (2000VA)     AC1   250V 8A (2000VA)     Electrical life:   ≥ 150,000 ops at rated load     Dielectric voltage:   2kV AC (rms) IEC 60947-1     Rated impulse withstand voltage:   2kV AC (rms) IEC 60947-1     Housing:   Orange flame retardant UL94     Weight:   70g					
Supply/monitoring voltage     U (A1, A2):   12 - 24V DC     Supply variation:   75 - 125% U     Power consumption (max.):   3W     Monitoring mode:   Under voltage     Trip level:   9 - 28V DC     Hysteresis:   ≈ 5% of trip level (factory set)     Setting accuracy:   ± 0.5% at constant conditions     Response time:   ~ 100mS     Time delay (t):   0 - 30 Sec. (± 5%) Note: actual delay (t) = adjustable delay + response time     Power on delay (Td):   ~ 1 sec. (worst case = Td x 2)     Power on indication:   Red LED     Ambient temp:   -20 to +60°C     Relative humidity:   +95%     Output (15, 16, 18):   SPDT relay     Output rating:   AC1   250V 8A (2000VA)     AC1   250V SA (no), 3A (nc)     DC1   25V 8A (2000V)     Electrical life:   ≥ 150,000 ops at rated load     Dielectric voltage:   2kV AC (rms) IEC 60947-1     Rated impulse withstand voltage:   4kV (1.2,504,51EC 60947-1     Rated impulse withstand voltage:   2kV AC (rms) IEC 60947-1     Housing:   Orange flame retardant UL94     Weight:   70g		ION			
U (A1, A2):   12 - 24V DC     Supply variation:   75 - 125% U     Power consumption (max.):   3W     Monitoring mode:   Under voltage     Trip level:   9 - 28V DC     Hysteresis:   ≈ 5% of trip level (factory set)     Setting accuracy:   ± 0.5% at constant conditions     Response time:   ≈ 100mS     Time delay (t):   0 - 30 Sec. (± 5%) Note: actual delay (t) = adjustable delay + response time     Power on delay (Td):   ≈ 1 sec. (worst case = Td x 2)     Power on indication:   Green LED     Relay status indication:   Red LED     Ambient temp:   -20 to +60°C     Relative humidity:   +95%     Output (15, 16, 18):   SPDT relay     Output rating:   AC1   250V 8A (2000VA)     Ac15   250V SA (no), 3A (nc)     DC1   25V 8A (2000V)     Electrical life:   ≥ 150,000 ops at rated load     Dielectric voltage:   2kV AC (rms) IEC 60947-1     Rated impulse withstand voltage:   4kV (1.2,504,5) IEC 60947-1     Rated impulse withstand voltage:   4kV (1.2,504,5) IEC 60947-1     Weight:   70g     Mounting option:					
Supply variation:   75 - 125% U     Power consumption (max.):   3W     Monitoring mode:   Under voltage     Trip level:   9 - 28V DC     Hysteresis:   ≈ 5% of trip level (factory set)     Setting accuracy:   ± 10%     Response time:   ≈ 100mS     Time delay (t):   0 - 30 Sec. (± 5%)     Note: actual delay (t) = adjustable delay + response time     Power on delay (Td):   ≈ 1 sec. (worst case = Td x 2)     Power on indication:   Green LED     Ambient temp:   -20 to +60°C     Relative humidity:   +95%     Output (15, 16, 18):   SPDT relay     Output (15, 16, 18):   SPDT relay     Output rating:   AC1   250V 8A (2000VA)     AC15   250V 5A (no), 3A (nc)     Dielectric voltage:   2kV AC (rms) IEC 60964-1     Housing:   Orange flame retardant UL94     Weight:   70g     Mounting option:   Or to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.     Terminal conductor size   ≤ 2 x 2.5mm <sup>2</sup> solid or stranded     Approvals:   Conforms to IEC. CE, and RoH		12 – 24V DC			
Power consumption (max.):   3W     Monitoring mode:   Under voltage     Trip level:   9 - 28V DC     Hysteresis:   ≈ 5% of trip level (factory set)     Setting accuracy:   ± 10%     Repeat accuracy:   ± 0.5% at constant conditions     Response time:   ≈ 100mS     Time delay (t):   0 - 30 Sec. (± 5%)     Note: actual delay (t) = adjustable delay + response time     Power on ndication:   Green LED     Relaty status indication:   Red LED     Ambient temp:   -20 to +60°C     Relative humidity:   +95%     Output (15, 16, 18):   SPDT relay     Output rating:   AC1   250V 8A (2000VA)     AC1   250V 5A (no), 3A (nc)     Dc1   25V 8A (2000VA)     Electrical life:   ≥ 150,000 ops at rated load     Dielectric voltage:   2kV AC (rms) IEC 60947-1     Rated impulse withstand voltage:   4kV (1.2/50µS) IEC 60564     Housing:   Orange flame retardant UL94     Weight:   70g     Mounting option:   On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.					
Trip level:   9 - 28V DC     Hysteresis:   ≈ 5% of trip level (factory set)     Setting accuracy:   ± 10%     Repeat accuracy:   ± 10%     Response time:   ≈ 100mS     Time delay (t):   0 - 30 Sec. (± 5%) Note: actual delay (t) = adjustable delay + response time     Power on delay (Td):   ≈ 1 sec. (worst case = Td x 2)     Power on indication:   Green LED     Relay status indication:   Red LED     Ambient temp:   -20 to +60°C     Relative humidity:   +95%     Output (15, 16, 18):   SPDT relay     Output rating:   AC1   250V 8A (2000VA)     AC15   250V SA (no), 3A (nc)     DC1   25V 8A (200W)     Electrical life:   ≥ 150,000 ops at rated load     Dielectric voltage:   2kV AC (rms) IEC 60947-1     Rated impulse withstand voltage:   4kV (1.2,50LS) IEC 60947-1     Housing:   Orange flame retardant UL94     Weight:   70g     Mounting option:   On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.     Terminal conductor size   ≤ 2 x 2.5mm <sup>2</sup> solid or stranded		3W			
Hysteresis:   ≈ 5% of trip level (factory set)     Setting accuracy:   ± 10%     Response time:   ≈ 100mS     Time delay (t):   0 – 30 Sec. (± 5%)     Note: actual delay (t) = adjustable delay + response time     Power on delay (Td):   ≈ 1 sec. (worst case = Td x 2)     Power on indication:   Green LED     Ambient temp:   -20 to +60°C     Relative humidity:   +95%     Output (15, 16, 18):   SPDT relay     Output (15, 16, 18):   SPDT relay     Output rating:   AC1   250V 8A (2000VA)     AC15   250V 5A (no), 3A (nc)     DC1   25V 8A (2000V)     Electrical life:   ≥ 150,000 ops at rated load     Dielectric voltage:   2kV AC (rms) IEC 60964     Housing:   Orange flame retardant UL94     Weight:   70g     Mounting option:   On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.     Terminal conductor size   ≤ 2 x 2.5mm <sup>2</sup> solid or stranded     Approvals:   Conforms to IEC. CE, and RoHS Compliant.	Monitoring mode:	Under voltage			
Setting accuracy: $\pm 10\%$ Repeat accuracy: $\pm 0.5\%$ at constant conditionsResponse time: $\approx 100MS$ Time delay (t): $0-30$ Sec. ( $\pm 5\%$ )Note: actual delay (t) = adjustable delay + response timePower on delay (Td): $\approx 1$ sec. (worst case = Td x 2)Power on indication:Green LEDRelay status indication:Red LEDAmbient temp:-20 to +60°CRelative humidity:+95%Output (15, 16, 18):SPDT relayOutput rating:AC1250V SA (2000VA)AC15250V SA (2000VA)Dictorial life: $\geq 150,000$ ops at rated loadDielectric voltage:2kV AC (rms) IEC 60947-1Rated impulse withstand voltage:4kV (1.2/50µS) IEC 60664Housing:Orange flame retardant UL94Weight:70gMounting option:On to 3Smm symmetric DIN rail to BS EN 60715or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.Terminal conductor size $\leq 2 x 2.5mm^2$ solid or strandedApprovals:Conforms to IEC. CE, and RoHS Compliant.	Trip level:	9 – 28V DC			
Repeat accuracy: $\pm$ 0.5% at constant conditionsResponse time: $\approx$ 100mSTime delay (t): $0 - 30$ Sec. ( $\pm$ 5%) Note: actual delay (t) = adjustable delay + response timePower on delay (Td): $\approx$ 1 sec. (worst case = Td x 2)Power on indication:Green LED Relay status indication:Red LEDAmbient temp: $-20$ to $+60^{\circ}$ C Relative humidity: $+95\%$ Output (15, 16, 18):SPDT relayOutput rating:AC1 250V SA (2000VA) AC15 DC1 251V SA (2000VA)Electrical life: $\geq$ 150,000 ops at rated loadDielectric voltage:2kV AC (rms) IEC 60947-1 Rated impulse withstand voltage:Housing:Orange flame retardant UL94 Veight:Weight:70gMounting option:On to 35mm symmetric DIN rail to B5 EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.Terminal conductor size $\leq$ 2 x 2.5mm² solid or strandedApprovals:Conforms to IEC. CE, and RoHS Compliant.	Hysteresis:	$\approx$ 5% of trip level (factory set)			
Response time: $\approx 100 \text{mS}$ Time delay (t): $0-30 \text{ Sec.} (\pm 5\%)$ Note: actual delay (t) = adjustable delay + response timePower on delay (Td): $\approx 1 \text{ sec.} (worst case = Td x 2)$ Power on indication:Green LEDRelay status indication:Red LEDAmbient temp: $-20 \text{ to } +60^{\circ}\text{C}$ Relative humidity: $+95\%$ Output (15, 16, 18):SPDT relayOutput (15, 16, 18):SPDT relayOutput rating:AC1AC1 $250V 8A (2000VA)$ AC15 $250V 5A (no), 3A (nc)$ DC1 $25V 8A (200W)$ Electrical life: $\geq 150,000 \text{ ops at rated load}$ Dielectric voltage: $2kV AC (rms) IEC 60947-1$ Rated impulse withstand voltage: $4kV (1.27045) IEC 60947-1$ Housing:Orange flame retardant UL94Weight: $70g$ Mounting option:On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.Terminal conductor size $\leq 2 \times 2.5mm^2$ solid or strandedApprovals:Conforms to IEC. CE, and RoHS Compliant.	Setting accuracy:	± 10%			
Time delay (t): $0-30$ Sec. (± 5%) Note: actual delay (t) = adjustable delay + response timePower on delay (Td): $\approx 1$ sec. (worst case = Td x 2)Power on indication:Green LEDRelay status indication:Red LEDAmbient temp: $-20$ to $+60^{\circ}$ CRelative humidity: $+95\%$ Output (15, 16, 18):SPDT relayOutput (15, 16, 18):SPDT relayOutput rating:AC1250V 8A (2000VA)AC15250V 5A (no), 3A (nc)DC125V 8A (2000V)Electrical life: $\geq 150,000$ ops at rated loadDielectric voltage:2kV AC (rms) IEC 60964Housing:Orange flame retardant UL94Weight:70gMounting option:On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.Terminal conductor size $\leq 2 x 2.5mm^2$ solid or strandedApprovals:Conforms to IEC. CE, and RoHS Compliant.	Repeat accuracy:				
Note: actual delay (t) = adjustable delay + response timePower on delay (Td): $\approx$ 1 sec. (worst case = Td x 2)Power on indication:Green LEDRelay status indication:Red LEDAmbient temp:-20 to +60°CRelative humidity:+95%Output (15, 16, 18):SPDT relayOutput rating:AC1250V 8A (2000VA)AC15250V 5A (no), 3A (nc)DC125V 8A (2000VA)Electrical life: $\geq$ 150,000 ops at rated loadDielectric voltage:2kV AC (rms) IEC 60947-1Rated impulse withstand voltage:4kV (1.2/50µS) IEC 60664Housing:Orange flame retardant UL94Weight:70gMounting option:On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.Terminal conductor size $\leq$ 2 x 2.5mm² solid or strandedApprovals:Conforms to IEC. CE, I and RoHS Compliant.	•	≈ 100mS			
Power on delay (Td):   ≈ 1 sec. (worst case = Td x 2)     Power on indication:   Green LED     Relay status indication:   Red LED     Ambient temp:   -20 to +60°C     Relative humidity:   +95%     Output (15, 16, 18):   SPDT relay     Output rating:   AC1   250V 8A (2000VA)     AC15   250V 5A (no), 3A (nc)     Dc1   25V 8A (200W)     Electrical life:   ≥ 150,000 ops at rated load     Dielectric voltage:   2kV AC (rms) IEC 60644     Housing:   Orange flame retardant UL94     Weight:   70g     Mounting option:   On to 35mm symmetric DIN rait to BS EN 60715     or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.     Terminal conductor size   ≤ 2 x 2.5mm <sup>2</sup> solid or stranded     Approvals:   Conforms to IEC. CE, I and RoHS Compliant.	Time delay (t):				
Power on indication:Green LEDRelay status indication:Red LEDAmbient temp: $-20$ to $+60^{\circ}$ CRelative humidity: $+95\%$ Output (15, 16, 18):SPDT relayOutput rating:AC1AC1250V 8A (2000VA)AC15250V 5A (no), 3A (nc)DC125V 8A (200W)Electrical life: $\geq$ 150,000 ops at rated loadDielectric voltage:2kV AC (rms) IEC 60947-1Rated impulse withstand voltage:4kV (1.27045) EIC 60664Housing:Orange flame retardant UL94Weight:70gMounting option:On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.Terminal conductor size $\leq$ 2 x 2.5mm² solid or strandedApprovals:Conforms to IEC. CE, C and RoHS Compliant.			able delay + response time		
Relay status indication:Red LEDAmbient temp: $-20$ to $+60^{\circ}$ CRelative humidity: $+95\%$ Output (15, 16, 18):SPDT relayOutput rating:AC1 $250V$ 8A (2000VA)AC1 $250V$ 5A (no), 3A (nc)DC1 $25V$ 8A (200W)Electrical life: $\geq 150,000$ ops at rated loadDielectric voltage: $2kV$ AC (rms) IEC 60947-1Rated impulse withstand voltage: $4kV$ (1.27045) IEC 60664Housing:Orange flame retardant UL94Weight:70gMounting option:On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.Terminal conductor size $\leq 2 \times 2.5mm^2$ solid or strandedApprovals:Conforms to IEC. CE, C and RoHS Compliant.	Power on delay (Td):	$\approx$ 1 sec. (worst case = Td x 2)			
Note of statesNote the form of the second statesAmbient temp:-20 to $+60^{\circ}$ CRelative humidity:+95%Output (15, 16, 18):SPDT relayOutput rating:AC1250V 8A (2000VA)AC15250V 5A (no), 3A (nc)DC125V 8A (2000W)Electrical life: $\geq 150,000$ ops at rated loadDielectric voltage:2kV AC (rms) IEC 60947-1Rated impulse withstand voltage:4kV (1.2/50µS) IEC 60664Housing:Orange flame retardant UL94Weight:70gMounting option:On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.Terminal conductor size $\leq 2 \times 2.5mm^2$ solid or strandedApprovals:Conforms to IEC. CE, C and RoHS Compliant.					
Relative humidity: $+95\%$ Output (15, 16, 18):SPDT relayOutput rating:AC1250V 8A (2000VA)AC15250V 5A (no), 3A (nc)DC125V 8A (2000W)Electrical life: $\geq 150,000$ ops at rated loadDielectric voltage:2kV AC (rms) IEC 60947-1Rated impulse withstand voltage:4kV (1.2/50µS) IEC 60664Housing:Orange flame retardant UL94Weight:70gMounting option:On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.Terminal conductor size $\leq 2 x 2.5mm^2$ solid or strandedApprovals:Conforms to IEC. CE, C and RoHS Compliant.	Relay status indication:	Red LED			
Output (15, 16, 18):SPDT relayOutput rating:AC1250V 8A (2000VA)AC15250V 5A (no), 3A (nc)DC125V 8A (200W)Electrical life: $\geq 150,000$ ops at rated loadDielectric voltage:2kV AC (rms) IEC 60947-1Rated impulse withstand voltage:4kV (1.2/50µS) IEC 60664Housing:Orange flame retardant UL94Weight:70gMounting option:On to 35mm symmetric DIN rail to B5 EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.Terminal conductor size $\leq 2 x 2.5mm^2$ solid or strandedApprovals:Conforms to IEC. CE, I and RoHS Compliant.	Ambient temp:	-20 to +60°C			
Output rating:AC1250V 8A (2000VA)AC15250V 5A (no), 3A (nc)DC125V 8A (200W)Electrical life: $\geq$ 150,000 ops at rated loadDielectric voltage:2kV AC (rms) IEC 60947-1Rated impulse withstand voltage:4kV (1.2/50µS) IEC 60664Housing:Orange flame retardant UL94Weight:70gMounting option:On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.Terminal conductor size $\leq$ 2 x 2.5mm² solid or strandedApprovals:Conforms to IEC. CE, I and RoHS Compliant.	Relative humidity:	+95%			
AC15250V 5A (no), 3A (nc)DC125V 8A (200W)Electrical life: $\geq 150,000$ ops at rated loadDielectric voltage: $2kV$ AC (rms) IEC 60947-1Rated impulse withstand voltage: $4kV$ (1.2/50µ5) IEC 60664Housing:Orange flame retardant UL94Weight:70gMounting option:On to 35mm symmetric DIN rail to BS EN 60715or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.Terminal conductor size $\leq 2 \times 2.5mm^2$ solid or strandedApprovals:Conforms to IEC. CE, C and RoHS Compliant.	Output (15, 16, 18):	SPDT relay			
DC1 25V 8A (200W)   Electrical life: ≥ 150,000 ops at rated load   Dielectric voltage: 2kV AC (rms) IEC 60947-1   Rated impulse withstand voltage: 4kV (1.250µS) IEC 60664   Housing: Orange flame retardant UL94   Weight: 70g   Mounting option: On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.   Terminal conductor size ≤ 2 x 2.5mm² solid or stranded   Approvals: Conforms to IEC. CE, ♥ and RoHS Compliant.	Output rating:	AC1	250V 8A (2000VA)		
Electrical life: $\geq$ 150,000 ops at rated load     Dielectric voltage:   2kV AC (rms) IEC 60947-1     Rated impulse withstand voltage:   4kV (1.2/50µS) IEC 60964     Housing:   Orange flame retardant UL94     Weight:   70g     Mounting option:   On to 35mm symmetric DIN rail to B5 EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.     Terminal conductor size $\leq$ 2 x 2.5mm <sup>2</sup> solid or stranded     Approvals:   Conforms to IEC. CE, I and RoHS Compliant.		AC15			
Dielectric voltage:   2kV AC (rms) IEC 60947-1     Rated impulse withstand voltage:   4kV (1.2/50µS) IEC 60664     Housing:   Orange flame retardant UL94     Weight:   70g     Mounting option:   On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.     Terminal conductor size   ≤ 2 x 2.5mm² solid or stranded     Approvals:   Conforms to IEC. CE, ♥ and RoHS Compliant.		DC1	25V 8A (200W)		
Rated impulse withstand voltage: 4kV (1.2/50µS) IEC 60664   Housing: Orange flame retardant UL94   Weight: 70g   Mounting option: On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.   Terminal conductor size ≤ 2 x 2.5mm <sup>2</sup> solid or stranded   Approvals: Conforms to IEC. CE, ♥ and RoHS Compliant.					
Housing:   Orange flame retardant UL94     Weight:   70g     Mounting option:   On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.     Terminal conductor size   ≤ 2 x 2.5mm² solid or stranded     Approvals:   Conforms to IEC. CE, ♥ and RoHS Compliant.	0				
Weight: 70g   Mounting option: On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.   Terminal conductor size ≤ 2 x 2.5mm² solid or stranded   Approvals: Conforms to IEC. CE, ♥ and RoHS Compliant.	Rated impulse withstand voltage:	4kV (1.2/50µS) IEC 60664			
Mounting option:   On to 35mm symmetric DIN rail to BS EN 60715 or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.     Terminal conductor size   ≤ 2 x 2.5mm² solid or stranded     Approvals:   Conforms to IEC. CE, ♥ and RoHS Compliant.		0			
or direct surface mounting via 2 x M3.5 or 4BA screws using the black clips provided on the rear of the unit.   Terminal conductor size ≤ 2 x 2.5mm <sup>2</sup> solid or stranded   Approvals: Conforms to IEC. CE, C and RoHS Compliant.	0	5			
using the black clips provided on the rear of the unit.   Terminal conductor size ≤ 2 x 2.5mm² solid or stranded   Approvals: Conforms to IEC. CF, ♥ and RoHS Compliant.	Mounting option:				
Terminal conductor size ≤ 2 x 2.5mm <sup>2</sup> solid or stranded   Approvals: Conforms to IEC. CE, ♥ and RoHS Compliant.					
Approvals: Conforms to IEC. CE, Cand RoHS Compliant.	Terminal conductor size				
conforms to lec. ce, and Rons compliant.			-		
	Approvals:	Conforms to IEC. CE, 🖤 and RoHS Compliant.			
EMC: Immunity/Emissions to EN 61000-6		EMC: Immunity/Emissions to E	EN 61000-6		

#### • **CONNECTION DIAGRAM**





**Snaptec Australia Pty. Ltd.**