

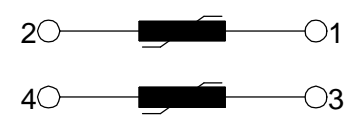
**RoHS**  
2002/95/EC  
Compliant

| PRODUCT RANGE (RATINGS @ 85°C) |                     |                    |                             |                              |
|--------------------------------|---------------------|--------------------|-----------------------------|------------------------------|
| TYPE                           | CONTINUOUS          |                    | TRANSIENT                   |                              |
|                                | RMS VOLTAGE (VOLTS) | DC VOLTAGE (VOLTS) | ENERGY (10/1000µs) (JOULES) | PEAK CURRENT (8/20µs) (AMPS) |
| DVS24                          | 30                  | 38                 | 8.8                         | 1000                         |
| DVS48                          | 60                  | 81                 | 20                          | 4500                         |
| DVS110                         | 150                 | 200                | 80                          | 6500                         |
| DVS240                         | 275                 | 350                | 264                         | 6500                         |

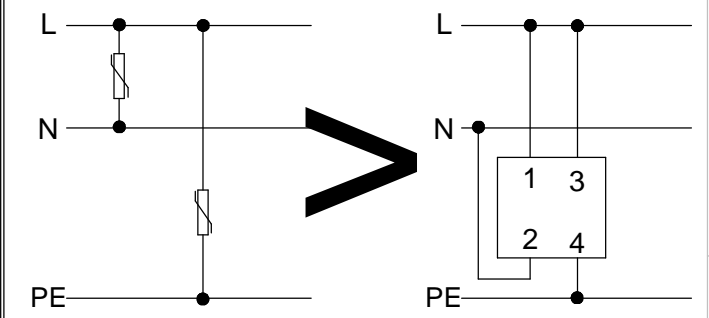
**SPECIFICATION**

LINE FREQUENCY 50/60 Hz  
 TEMPERATURE RANGE -25C TO +85C  
 WIRE GUAGE 12 AWG  
 MOUNTING EN 50 022 RAIL (TOP HAT)  
 SCREW TERMINALS 2.5sq.mm (12 AWG)

**ELECTRICAL CONNECTION**



**EXAMPLE**



Tel No. +44(0)1724 273200 Website www.dem-uk.com



PROPRIETARY AND CONFIDENTIAL  
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF  
 ALPHA 3 MANUFACTURING  
 ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF  
 ALPHA 3 MANUFACTURING IS PROHIBITED.

DEM Manufacturing, Deltron Emcon House  
 Hargreaves Way, Sawcliffe Ind. Park,  
 Scunthorpe, North Lincolnshire, DN15 8RF, UK

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN MILLIMETRES  
 LINEAR TOLERANCE:  
**NO DECIMAL PLACES ±0.5mm**  
**1 DECIMAL PLACE ±0.25mm**  
**2 DECIMAL PLACES ±0.125mm**  
 ANGULAR TOLERANCE: ±1°

FINISH -  
 DEBURR AND BREAK SHARP EDGES -  
 IF IN DOUBT ASK  
 DO NOT SCALE DRAWING  
 MATERIAL -

DRAWN BY -  
 APPROVED BY -  
 THIRD ANGLE PROJECTION  
 SHEET 1 OF 1  
 SCALE 1:1  
 A4

TITLE **GENERAL SPECIFICATION FOR DVS**  
**24 / 48 / 110 / 240**  
 DRAWING NO. **DVS**  
 ISSUE **03**  
 Release