

## **D1541/2/3/5 PSU's Overview.**

Dycon's D1541, D1542, D1543 and D1545 PSU's are 1, 2, 3 and 5 Amp switched-mode power supplies, with three separate LED indicators that show the operational status of the unit. A green LED indicates that the Mains AC power is present, an orange LED lights when the unit is operating on standby battery power and a red LED lights if the electronic fuse has been tripped. These power supplies are protected against electrical 'spikes' caused by the switching of highly inductive loads (door strikes and locks). They remove the chance of inductive kickback blowing a fuse and causing a door to remain closed or open, a frequent cause of personnel delays and expensive engineer call outs. The range also features intelligent and capacitive load switching surge protection and snubbing. Optional output splitters enable a single power supply to drive a wide variety of different devices. These include 8-way splitters with individually-fused outputs, 4-way splitters with electronically-fused outputs or individually glass-fused outputs. One version has a relay controlled output which can also be used as a fire relay when connected to a fire system. A special CCTV system splitter can power up to 4 cameras with loop-through connections for video signals.