

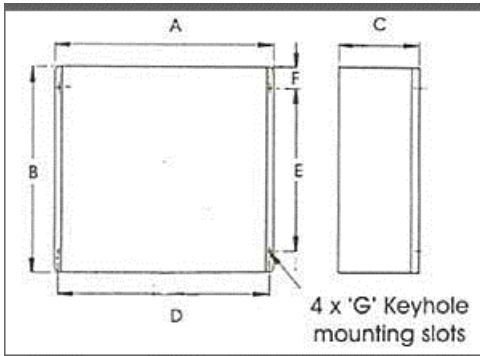
# HVR PENTAGON

## ACH300

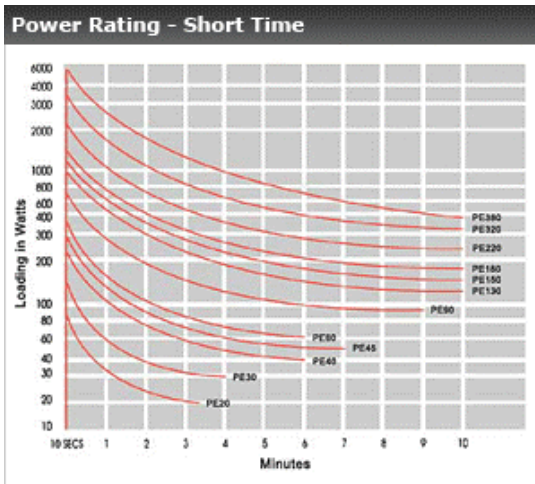
High quality heavy duty power resistor enclosures (IP20) manufactured from Zinc plated steel and having a powder coated finish. Containing PE300 Pentagon vitreous enamelled resistor.

Rated at 300 watts continuous 110/230V.

Resistance value 40/176 Ohms +/-10%



| A   | B   | C   | D   | E  | F |
|-----|-----|-----|-----|----|---|
| 182 | 300 | 133 | 168 | 38 | 4 |



|                                    |  |
|------------------------------------|--|
| Short time overload                | Refer to graph (PE380). Note that performance at intervals less than 10 seconds are dependent upon resistance value. Assuming a cooling time of at least 20 minutes between duty cycles. |
| Load life                          | Tested for 500 cycles for minimum 1,000 hours  |
| Load life in humidity              | Tested for 500 cycles for minimum 1,000 hours at 40°C ambient, 90-95% humidity   |
| Temperature cycling/ thermal shock | Tested from -55°C ambient under full power for 30 mins and from 155°C ambient under full power for 30 mins. 5 cycles.  |
| Corrosion                          | Tested for 240 hours at 40°C ambient and 90-95% humidity. All fasteners & bracketry zinc plated.   |
| Dielectric withstand voltage       | 2kV terminal to ground (greater on request). Maximum across resistor 2028 Kv   |
| Temperature coefficient            | Maximum 50ppm/°C   |

