Exe d m Enclosures

Power Supplies

Austdac has been a supplier of power supply and lighting systems for many years.

Power supplies and lighting system modules are traditionally housed in flameproof (FLP) enclosures.

The disadvantages of incorporating the units in FLP enclosures are:-

1 Flameproof enclosures require regular Code D maintenance (dictated by the relevant Australian standards);
2 Flameproof enclosures are very heavy;
3 Flameproof enclosures are expensive to manufacture.

To overcome the above points, Austdac has designed a range of Exe d m enclosures, manufactured from stainless steel, to cover our range of I.S. power supply and lighting products.

The enclosure range and the chassis variations are detailed below.

Single Exe d m Enclosure (two versions exist)

1. One lighting module; OR;
2. One power supply module.

Double Exe d m Enclosure (three versions exist)

1. Two power supply modules; OR;
2. Two lighting modules; OR;

One power supply and one lighting module.

Triple Exe d m Enclosure (two versions exist)

1. One power supply module and two lighting modules;

OR:

2. Two power supplies (active only) and one lighting module.

NOTE: Two resistive power supply units must not be in one enclosure or the temperature rating may be exceeded.

FLP and I.S. Connector Options

Austdac can provide flameproof connectors to allow one or two incoming supplies. Various output connector styles are available to suit the particular application. Customer specified variation/orientation of glands is available.

Automatic Power Changeover Relay

When an enclosure is installed on a Longwall face, power supplies are often used to provide the control power for the roof support shields. As such there is a need to have this supply continuously maintained. This can be provided by use of an automatic changeover relay, which senses the loss of a supply circuit and automatically switches roof support shield power supply unit to the live power supply.

New South Wales:
Tel: +61 (2) 8851 5000
Fax: +61 (2) 9899 2490
austdac.nsw@austdac.com.au

www.austdac.com.au
Brochure No:
03-071-35-xx01-07_exe_d_m_enclosures.indd

Queensland:
Tel: +61 (7) 4955 2777
Fax: +61 (7) 4955 2922
austdac.qld@austdac.com.au

AUSTDAC PTY. LTD.
A.B.N. 31 002 654 695