

Dantech Enclosures and PSUs for Advance Hardware



ADV-ENC-DAN-8A ADV-ENC-DAN-16A

We have partnered with Dantech to provide additional enclosures and power supplies for our Advance hardware.

Key features

- Controller mounting positions with cable trunking
- Single or Dual 12V 8A DC power supplies with back-up battery support
- Optional switching of output states from an external system, e.g. fire alarm
- Mains-failure & low-battery monitoring via clean relay contacts
- Mild steel key-lockable enclosure with tamper switch & removable hinged lid

Quick and simple professional installations

An all-in-one power and housing solution for Advance controllers, enabling control of electronic locks with optional control of lock outputs from a connected fire alarm panel. With a tamper switch and key-lockable, removable, hinged lid, the precision-made enclosures are powder-coated in white to provide a tough, durable, easy-to-clean finish. There are two models: an 8A version with one power supply module and space for one multi-blade controller, and a 16A version with two 8A power supplies for a dual multi-blade configuration.

Each 8A power supply module has eight lock outputs and a controller power output, which are protected by quick-blow 20x5mm glass fuses. Output power is maintained during a power failure if a 12V VRLA battery is connected (one battery required per power supply module).

The integrated UPS function supports VRLA batteries up to 17Ah. When mains power is available, the unit will charge and maintain the battery. When mains power is lost, the unit will seamlessly switch to the battery for power input. When mains power is restored, the unit will automatically switch back and start re-charging the battery. The Mains-fail relay contacts will change over to signal when mains power is lost, and the Low-voltage relay contacts will change over if the battery voltage falls below the minimum acceptable level. This is to avoid damage to the battery caused by deep discharge.

A wall fixing kit is included to aid installation, and there are two keyhole mounting points to hold the unit whilst being fixed. Cable knock-outs enable engineers to quickly prepare the enclosure for installation. The power supply module can be replaced without the need to remove the wall-mounted enclosure.



Contact us today to find out how our state-of-the-art touchless attendance solutions. You can reach our experienced team at **01202 621700** or **grosvenortechnology.co.uk**.

POWER SUPPLY MODULES - *Note: the 16A version contains two power supply modules.*

ADV-ENC-DAN-8A ONE 12V 8A DC
ADV-ENC-DAN-16A TWO 12V 8A DC

POWER SUPPLY MODULE OUTPUTS

VOLTAGE 12V DC (13.7V)
CURRENT 8A MAXIMUM TOTAL LOAD
OUTPUTS 1X CONTROLLER OUTPUT; 1X VRLA BATTERY CONNECTION
CONNECTION TYPE PCB TERMINAL BLOCK (2.5MM²)
FUSED 20X5MM 8A GLASS FUSE

POWER SUPPLY MODULE FIRE CONTROL

FIRE ENABLE CONTROL +12V DC FEED (+F) TO RETURN TERMINALS (+R) WITH 0V COMMON FOR ADDITIONAL UNITS
FIRE CONTROL CONFIGURATION FIRE CONTROL CLOSED CIRCUIT: LOCK 1-8 N/O; FIRE CONTROL OPEN CIRCUIT: LOCK 1-8 N/C

POWER SUPPLY MODULE INTEGRATED UPS VRLA BATTER

VRLA BATTERY PROTECTION - 20X5MM 10A QUICK BLOW GLASS FUSE AND AUTOMATIC DEEP DISCHARGE PROTECTION
CONNECTION TYPE - PCB TERMINAL BLOCK (2.5MM²)
VRLA BATTERY SUPPORT - 1X 13.7V DC FOR 12V VRLA BATTERY UP TO 17AH (NOT INCLUDED)

POWER SUPPLY MODULE MAINS-FAIL SIGNALLING CONTACTS

CONTACT CONFIGURATION SINGLE POLE CHANGE OVER (APPROXIMATELY 30 < 60 SECOND DELAY)
MAXIMUM SWITCHING 30V 1A DC
CONNECTION TYPE PCB TERMINAL BLOCK (2.5MM²)

POWER SUPPLY MODULE BATTERY-LOW-VOLTS SIGNALLING CONTACTS

CONTACT CONFIGURATION SINGLE POLE CHANGE OVER (BATTERY AT 10.5V CHANGE OVER)
MAXIMUM SWITCHING 30V 1A DC
CONNECTION TYPE PCB TERMINAL BLOCK (2.5MM²)

POWER SUPPLY MODULE INPUT

VOLTAGE 110V - 240V AC @ 50HZ
POWER CONSUMPTION < 110VA (APPROXIMATE UNDER FULL LOAD)
CONNECTION TYPE 10MM² INTERNAL TERMINAL BLOCK (3 X 1.5MM² OR 2 X 2.5MM²)
FUSED 3A MAINS FUSE (BS1362)
SUPPLY ON INDICATION GREEN LED INDICATION
FIRE ENABLE TRIGGER +5V < +30V DC

ENVIRONMENTAL

OPERATING TEMPERATURE -10°C TO +40°C
STORAGE TEMPERATURE -20°C TO +50°C
OPERATING RELATIVE HUMIDITY MAXIMUM 95% NON-CONDENSING

PHYSICAL DIMENSIONS

ADV-ENC-DAN-8A 475 X 430 X 120MM 7.5KG
ADV-ENC-DAN-16A 550 X 740 X 120MM 11.7KG
ENCLOSURE MATERIAL CR4 MILD STEEL POWDER COATED RAL9016 (WHITE)

OTHER

LID TAMPER SWITCH YES

NOTE: ONLY A MAXIMUM OF 8A (12V DC) IN TOTAL CAN BE DRAWN FROM EACH POWER SUPPLY.