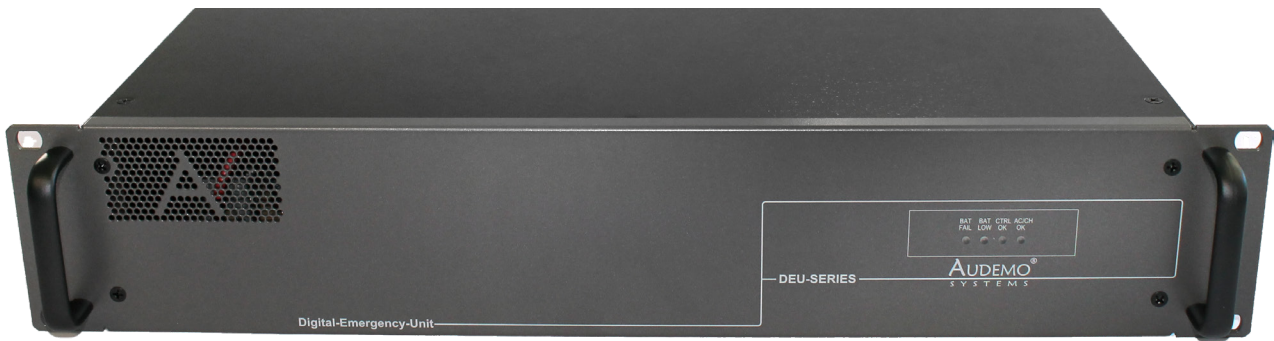




DEU-2700 D Digital Emergency Unit

Made
in
Germany



EN 54 4

APPLICATION

- Public Address and Voice Alarm
- Background Music
- Audio Visual

AREA OF USE

- Health
- Education
- Retail
- Hospitality
- Stadiums
- Transportation
- Theme parks
- Military

OVERVIEW

The PADS®2000 Digital Emergency Unit DEU-2700 D enables a standardized (according to EN 54-4), permanent emergency power supply for 24 V DC devices in the event of a power failure. The unit is a 19 inch device (2 U).

Key features

- Not integrated power supply equipment according to EN54-4/ A2
- Main power unit providing 24V DC with I_{max.} = 8A
- 6 fuse protected DC outputs, maximum 30 A each at battery power
- 3 Auxiliary outputs for consumers
- Battery charger and power manager with total discharge protection
- Soft start characteristic
- Smart battery condition monitoring
- Thermal regulated end of charge voltage
- Zero interruption when switching from one to another energy source
- Battery Temperature Sensor

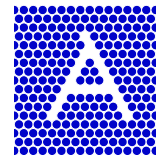
PADES[®] 2000-Series

AUDEMO - SYSTEMS GmbH (Headquarter)

Schatzbogen 62 81829 Munchen
Tel.: +49 (0) 89 1 4 56 78 47 - 0, Fax: +49 (0) 89 1 4 56 78 47- 2900
info@audemo-systems.de, www.audemo-systems.de

AUDEMO Middle East General Trading (Middle East & North Africa)

P.O.BOX: 43594, Abu Dhabi, United Arab Emirates
Tel : +971 (02)6263836, info@audemo-me.com



TECHNICAL DATA

Fuse values Of the 24V outputs	Blade fuses 40A are pre-assembled
Power supply (mains)	230 V AC, +10% I - 15%, 50/60 Hz
Power supply (rechargeable battery)	24 voe
Rated output current In	8A
Real power consumption in mains	250 Watts
Ambinet temperature	(-5 to +40 °C)
Safety class	1 (protective earthing)
Mains powrer fuse	T6.3A slow blow
End-of-charge voltage	27.2 v typical at 25°C
End-of-discharge voltage	20 V with indication BATTERY LOW
Switch-off threshold of the low voltage disconnect protection	18 V
Maximum continuous output load current I _{max} a according to to EN54-4A2	In - C/20 C= battery capacity in Amperes x Hours
Output current per switching output	30 A max.
Switching outputs	6
Fuse values Of the 24V outputs	Blade fuses 40A are pre-assembled Fuse value= load current x 1.3
Load capacity of relay contacts	30 V, 5 A (changer over)
Maximum internal battery resistance	0.05- 0.1 Ohm
Battery capacity	32-150 Amperes X Hours (Ah)
Cooling	Temperture controlled fan
Battery type	2 X 12 V Valve Regulated Lead Acid
Diemensions (W x H x D)	483 x 88 x 277 mm
Weight	6.3 kg

All rights reserved.

Information contained in this document is believed to be accurate, however no representation or warranty is given and Audemo-systems in Germany assumes no liability with respect to the accuracy of such information.



Member of the ZVEI - Central Association
for the Electrical Engineering and Electrical
Industry eV Safety Association



AUDEMO - SYSTEMS GmbH (Headquarter)

Schatzbogen 62 81829 Munchen
Tel.: +49 (0) 89 1 4 56 78 47 - 0, Fax: +49 (0) 89 1 4 56 78 47- 2900
info@audemo-systems.de, www.audemo-systems.de

AUDEMO Middle East General Trading (Middle East & North Africa)

P.O.BOX: 43594, Abu Dhabi, United Arab Emirates
Tel : +971 (02)6263836, info@audemo-me.com