AVD 16
Relay Unit

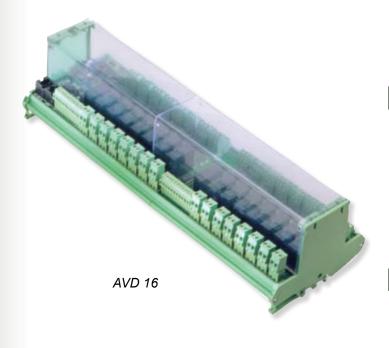*AVD 16*

FEATURES :

Added value ARU Units

16 switching relays for any switching application

Mounted on DIN-rail

APPLICATIONS :

Activation emergency call, switching of 24 V DC Control of relays (door contacts...), power on delay for heavy sound systems...

Must be combined with AUDAC APM Paging consoles, can be combined with other units or AVD-versions

AVD 16

The AVD switching units are an added value to the ARU units of AUDAC.
They are designed to switch a common input signal to a certain output.
This relay unit is fitted with 16 switching relays which can be configured for any switching application by means of the built-in micro controller.
This unit must be combined with the AUDAC APM paging consoles, giving a simple and fast set-up.
The unit is standard mounted on DIN-rail with simple connectors for the common input signal and the "zone output connectors" .
Due to this mounting, a cable connector board is immediately created when building 19 "racks.
Through addressing, it is possible to connect multiple units in series or parallel or to combine the unit with other AVD-versions.
All the relays are fitted standard with "status leds" enabling operation conditions to be easily controlled.

The AVD-16 works on a 24 V DC power supply and the relays are activated according to the principle of grounding (common line).
Through the RS485 data bus, communication with the APM paging tables or other control equipment is established (e.g. Crestron, AMX,…).
Most known applications for the AVD units are :
Activation of the "Emergency call" relay
on volume controls.
Switching of 24 V DC Control of (power)relays for doorcontacts, ...
Power on delay for heavy sound systems with many high power amplifiers (i.e. 16 amps of 4800 W). A delayed power control can be set up with the AVD units. The time delay is adjustable.

PRODUCT FEATURES :

Number of relays	16
Dimensions (BxHxD)	375 x 98 x 125 mm
Weight	0.920 kg
Height	100 mm
Standard data bus	RS485
Fire hazard class	VO (UL94)
Unbreakable housing	

SYSTEM SPECIFICATIONS :

Power supply	24V DC
Input mains power	6W

VERSIONS:

AVD 04	4 relays
AVD 08	8 relays
AVD 16	16 relays

About Audac :

AUDAC provides a complete range of audio equipment such as amplifiers, loudspeakers, microphones, conference microphones and much more.