

**VC7000 Series
VC8000 Series**

From contemporary to classic design, Amperes offers options for different installation needs. The variants are in three different designs and available in various ratings, ranging from 5 watts to 150 watts 100V line. They are suitable for 4 wire system installation with built in emergency overriding relay and overriding LED indicator.



VC7000



VC7000 Black



VC8000



VC7000A

Features

- Suitable for 4 wire system : 2 : 100V line , 2 : 24V DC overriding
- Built in overriding relay to allow emergency signal to bypass volume attenuation
- Overriding LED indicator whenever EM paging is activated
- 5 preset attenuations with OFF
- Large cable terminal block for ease of termination

Technical Specifications

| | |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power rating | Refer to variants |
| Overriding voltage | 24V DC |
| Overriding current | 15 mA |
| Overriding indicator | Red LED |
| Attenuation | 6 steps incl. OFF |
| Attenuation / step | 6 dB / step (VC7005 & VC7010 with 3dB / step) |
| Attenuation method | VC7005 / 7010 / 8010 - Resistive Others - Auto transformer |
| Colour | White RAL9016 / equivalent |
| Terminal cable | 22 - 14 AWG |
| Size (W x H x D) | VC7000 / 8000 - 86 x 86 x 40 mm VC7000A - 70 x 120 x 40 mm |
| Weight | VC7805 / 7005 / 7010 - 100 gms VC7030 / 7050 - 240 gms VC7100 / 7150 - 400 gms VC8010 - 140 gms VC8030 - 280 gms VC8050 - 280 gms VC8100 - 280 gms |
| Back Enclosure (Optional) : | |
| Conceal enclosure | 77 x 77 x 60 mm (Part nbr : EA9090) |
| Surface enclosure | 85 x 85 x 60 mm (Part nbr : ES9090) |

NOTE :

Wall concealed installation shall require back enclosure with depth of min 50 mm from finishing surface for models with auto transformer. Normal electrical back enclosure shall suffice for installation using resistive volume controllers. ie. VC7005 / 7010 / 8010

Variants

VC8000 SERIES (86 X 86 mm)

- VC8010 : 10W 100V Line Resistive
- VC8030 : 30W 100V Line Auto Trans
- VC8050 : 50W 100V Line Auto Trans
- VC8100 : 100W 100V Line Auto Trans

VC7000 SERIES (86 x 86 mm)

- VC7810 : 10W 8 OHM Resistive
- VC7005 : 5W 100V Line Resistive
- VC7010 : 10W 100V Line Resistive
- VC7030 : 30W 100V Line Auto Trans
- VC7050 : 50W 100V Line Auto Trans
- VC7100 : 100W 100V Line Auto Trans
- VC7150 : 150W 100V Line Auto Trans

VC7000A SERIES (70 X 120 mm)

- VC7010A : 10W 100V Line Resistive
- VC7030A : 30W 100V Line Auto Trans
- VC7050A : 50W 100V Line Auto Trans
- VC7100A : 100W 100V Line Auto Trans

Application Schematics

4 wire system installation

