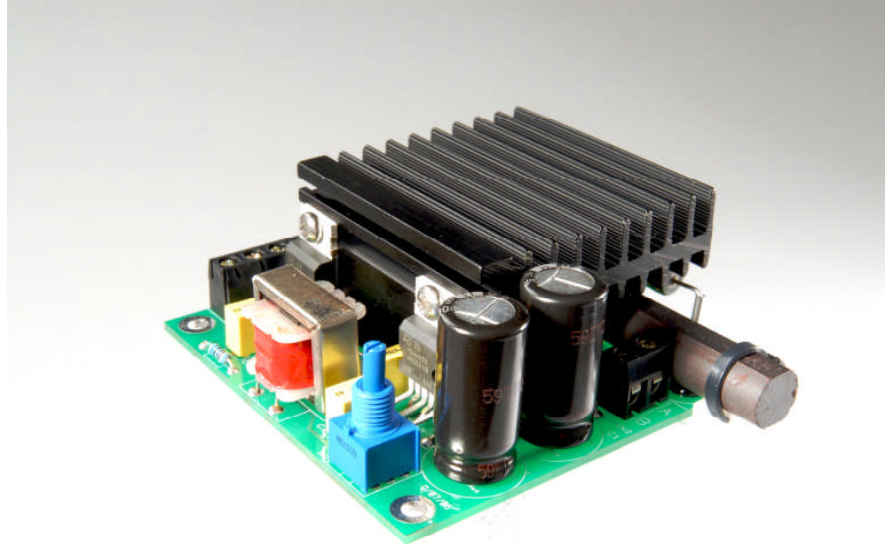


Product Name	Induction Loop Amplifier	Issue
Product Code		1.2
Project Number		04 Sep 06



Introduction

Induction Loop designed for use with BC Technology Video and Audio door entry panels.

This unit is fitted inside the stainless steel door station housing. There is a separate volume adjustment pot located on the PCB.

The unit can be powered from 12/24VAC or 12/24VDC with a Quiescent current draw of approx 50mA.

The unit comes equipped with a 100mm aerial rod. There is also a screw terminal for locating this aerial externally from the PCB or using an alternative external loop aerial instead.

Description

Dimensions	PCB Dimensions :- 75mm W x 75mm H* x 35mm D (*PCB fitted Aerial rod length is 100mm) Fixing Holes 4 x 3.5mm with Centres located @ 65mm x 65 mm
Weight	0.2Kg
Construction	PCB requires to be housed within ABS housing or 310/316 grade stainless steel
Finish	N/A

Installation Requirements

Con1-1 +12/24vDC	Con1-6 Spare	Con2-A Ext Aerial Feed *
Con1-2 12/24vAC	Con1-7 Current Signal I/P/Voltage Signal I/P	Con2-B Ext Aerial Feed *
Con1-3 12/24vAC	Con1-8 Current Signal I/P	*Disconnect Internal Aerial
Con1-4 -12/24vDC	Con1-9 Voltage Signal I/P	
Con1-5 0v Reference (Earth if required)		

IMPORTANT: The unit should always be housed within a non-ferrous enclosure.

Standards

IEC60118-4