

# FILAMENT & NEON LAMP TEST MODULE

## TYPES: YWAD

### FEATURES

- Din rail mounted
- 11 ways, expandable
- High performance
- Cost effective

### DESCRIPTION & MODE OF OPERATION

The limited service life of filament signal lamps often necessitates regular testing, as the indication of a defective lamp may not be immediately recognised.

The YWAD lamp test module is a din rail mounted 11 way lamp test module, the extra input terminal "C" is the lamp test input. For more than 11 ways a number of units can be linked together via the "C" input terminal.

The lamp test module uses very high voltage tolerant components, such as avalanche diodes. Avalanche diodes are especially suitable for withstanding high voltages.

### IMPORTANT NOTES

The YWAD is essentially a diode based device and can be used in both AC and DC applications. However, when used in AC applications the YWAD when activated will pass only a half cycle. This will result with the lamps being approx. 60% bright when the lamps are tested. Whilst this is satisfactory for filament lamps it is usually not sufficient for LED type lamps. **For LED lamps use product type YWACD on page 116.**

### SPECIFICATIONS

Max permitted voltage:	1000V
Max advised working voltage:	600V
Max current per way:	1Amp
Max instantaneous current:	20Amps for 10mSec
Max inverse current:	50uA
Operating temperature:	-20°C to +65°C
In accordance with:	EN61000-6-1: 2007 EN61000-6-3: 2007 EN61010-1: 2002
Housing material:	Polycarbonate, Auto extinguishable to UL 94 V-0

### CONNECTION DETAILS

Terminals 1-11:	Test Outputs
Terminal C:	Test Input

### ORDERING INFORMATION

YWAD



PRODUCT  
GROUP  
**M**

115

#### CONNECTIONS

