

DC OR AC TO ADJUSTABLE 0-10V DC OUTPUT BMS POWER SUPPLY

PRODUCT
GROUP
F

TYPES: Y24D0-10D, Y24A0-10D, Y110A0-10D, Y230A0-10D

FEATURES

- Din rail mounted
- Separate input & output LED indication
- Input voltage 24V DC, 24V AC, 110V AC, 230V AC
- Output 0-10V DC adjustable
- UKCA & CE marked
- RoHS compliant



DESCRIPTION

A conveniently packaged Din rail mounted AC voltage to an adjustable 0-10V DC output module. Designed specifically for "HAND / OFF / AUTO" applications for BMS controller inputs, when in "HAND" a DC voltage needs to be forced into BMS input cards, but not necessarily a full 10V DC signal is required. This product can be specified with either a 24 V DC, 24V AC, 110V AC or 230V AC primary voltage, the output voltage is an adjustable 0-10V DC via a front mounted potentiometer. A healthy AC input voltage is signalled by an illuminated green LED, and the output voltage is indicated by an increasing in intensity illuminated red LED starting at 1V DC (below 1V DC the output will be present, but without LED indication). **Note this product is not designed to power "control circuits", it is only for driving into BMS input cards, max 10mA @ 10V DC.**

SPECIFICATIONS

Input Supply

Nominal Input:	24V DC, 24V AC, 110V AC, 230V AC
Output Voltage Range:	0-10V DC
Min Impedance:	1K Ohm
Max Impedance:	Infinity Ohms
Max Output Load:	10mA
Supply Healthy:	Via Green LED
DC Output Healthy:	Via Red LED
	Variable Intensity 1-10V DC
Output Voltage Regulation:	≤0.5%

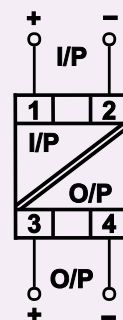
General

Operating Temperature:	-20°C to +65°C
Storage Temperature:	-20°C to +65°C
Humidity:	95% Rel H max
Isolation Voltage I/P-O/P:	1500V DC for 1 Min
UKCA & CE marked:	Yes
Standards Applied:	EN60950-1 EN6100-6-3 EN61010-1
Material Housing:	Polycarbonate Auto extinguishable to UL 94V-0
RoHS Compliant:	Yes

ORDERING INFORMATION

Type	Input Voltage	Output Voltage
Y24D0-10D	24V DC	0-10V DC
Y24A0-10D	24V AC	0-10V DC
Y110A0-10D	110V AC	0-10V DC
Y230A0-10D	230V AC	0-10V DC

CONNECTIONS



DIMENSIONS

