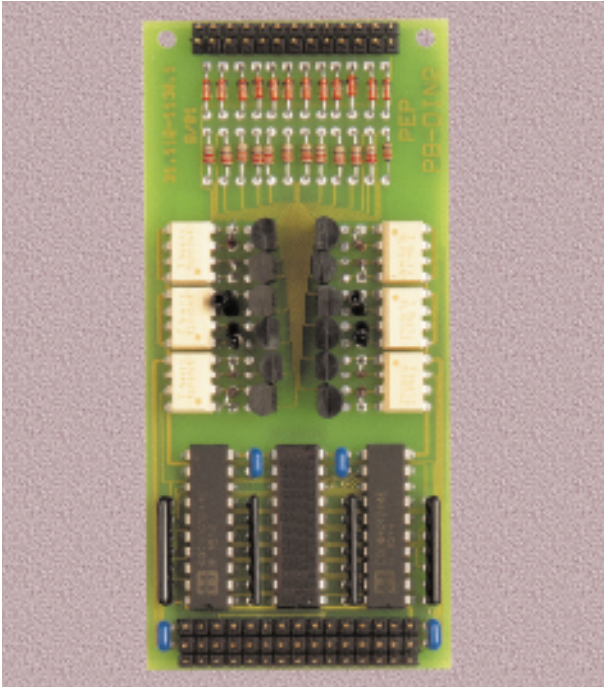




MODPACK
ANALOG &
DIGITAL
I/O

PB-DIN2

12 Channel Optoisolated Digital Input MODPACK

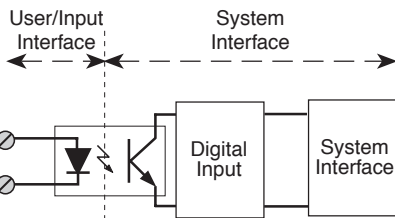


Characteristics

Function: 12 independent optoisolated digital input channels
 Input Voltage Range: 12V DC to +80V DC
 Input Current: 4.2mA (per switched input)
 Max. Input Rating: 10V DC V_{in} <math>< 230V</math> DC
 Input Frequency: 20kHz (max.)
 Switching Level: <math>< 5V</math> = low, $> 10V$ = high
 Switching Char.: $t_{on} = 25\mu s, t_{off} = 11\mu s$
 Input Protection: Reverse voltage protected

Common

Isolation: 2500V DC between I/O and system;
 100V DC between inputs
 Power Req.: +5V DC ($\pm 5\%$), 50mA typ.
 Temp. Ranges: 0°C to +70°C
 -40°C to +85°C (opt. E2)
 -55°C to +85°C (storage)
 Humidity: 0% to 95% non-condensing



A 12 channel industrial I/O piggyback for use with PEP's range of dedicated carrier boards for high-voltage operation.

Each of the 12 inputs are independent of each other requiring neither common GND nor common Vcc connections and possess 2500V DC isolation between the input and system ground and 100V DC between individual inputs

Product	Description	Order No.
PB-DIN2	ModPack with 12 independent optoisolated digital inputs	3001

