DSC800 IntelliPack
Smart Alarms & Transmitters Selection Guide

DESCRIPTION

DSC800 Alarm/Transmitter modules accept inputs from a variety of sensors and industrial process voltage and current sources and provide alarm relay outputs. All inputs are all user-programmable using advanced microcontroller, flash memory, and EEPROM technology. Wide alarm functionality and convenient reprogrammability make these alarms extremely powerful and flexible over a broad range of applications. These models may be configured as limit alarms, window alarms, on/off controllers, deviation alarms (dual input models), peak detect alarms, or rate-of-change alarms. All IntelliPack modules are designed to withstand harsh industrial environ-ments. They feature RFI, EMI, ESD, and surge protection, low temperatur drift, wide ambient temperature operation, and isolation from input to powe and relay contacts.

Units are DIN rail mounted and removable terminal blocks facilitate ease installation and replacement, without having to remove wiring. Alarm rela and power wiring are inserted at one side of the unit, while input wiring i inserted at the other side. Connectors are industry standard screw clam type and accept a wide range of wire sizes.

Alarm Modules

Channels	Input	Output	Intellipack Model
Single Channel Inputs	TC, RTD, or mV	1 DPDT relay	DSC801A-0100
	TC, RTD, or mV	2 SPDT relays	DSC801A-0200
	DC volts or Current	1 DPDT relay	DSC811A-0100
	DC volts or Current	2 SPDT relays	DSC811A-0200
Dual Channel Inputs	TC	2 SPDT relays	DSC822A-0200
	RTD	2 SPDT relays	DSC832A-0200
	DC volts or Current	2 SPDT relays	DSC812A-0200

Transmitter Modules

Channels	Input	Output	Intellipack Model
Single Channel Inputs	TC, RTD, or mV	DC volts or Current	DSC801T-0500
	TC, RTD, or mV	DC volts or Current with 1 SPDT relay	DSC801T-1500
	DC volts or Current	DC volts or Current	DSC811T-0500
	DC volts or Current	DC volts or Current with 1 SPDT relay	DSC811T-1500
	Frequency or Pulse	DC volts or Current	DSC841T-0500
	Frequency or Pulse	DC volts or Current with 1 SPDT relay	DSC841T-1500

Accessories

Function	Benefit	Model
AC Current Sensor	Wider range inputs to DSCs	DSC5020-350
Serial Port Adapter	Interface DB9 on Host to RJ11 IntelliPack Module	DSC5030-913
Adapter Cable	Six foot cable RJ11 to RJ11	DSC5030-902
Config-Software Windows 95/98/NT	Configures I/O for all DSC IntelliPack Modules	DSC5030-881