



NEW PRODUCT HIGHLIGHT

ED SERIES PLUG-IN SOLID STATE RELAYS

Sensata | Crydom's ED Series of AC and DC Output Plug-in Solid State Relays are designed to replace industry standard 12 x 29 mm plug-in Electromechanical Relays. Crydom's proven Solid State Relay Technology offers substantial performance advantages over traditional EMR switching solutions in many applications including significantly greater life expectancy, contactless high speed switching which eliminates contact bounce, arcing and resulting electrical noise, precise low power logic compatible control inputs, acoustically silent operation and high shock and vibration resistance.

Available in a SPST N.O. configuration, the ED Series offer output ratings of 1 to 5 Amps rms at 24 to 280 VAC, or 5 to 10 Amps DC at 1 to 100 VDC. These SSRs are an excellent choice for applications such as small motors, solenoids, heaters and lamps.

FEATURES

- AC or DC output Solid State Relay in an Industry standard EMR plug-in package
- Fits standard DIN rail & PCB mountable sockets
- AC or DC control
- cUL Recognized, IEC Rated, CE & RoHS Compliant
- Motor Controller Rated, Pilot Duty Rated

LED INDICATOR

Easy identification of control status for maintenance and troubleshooting

COMPACT HOUSING

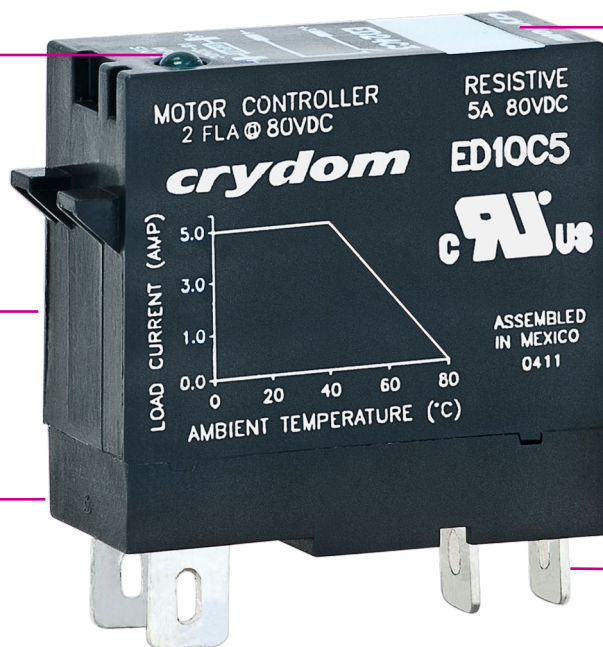
Small 12 mm wide package with ratings of up to 10 Amps DC and 5 Amps AC

CONTACTLESS HIGH SPEED SWITCHING

Acoustically silent operation with greater life expectancy (> 100 million operations) compared to EMRs (typically 100K operations) reducing replacements and down time

ACCESSORIES

Sockets compatible with the ED Series solid state relays are available in 2 different mounting options. These sockets are UL recognized and CE & RoHS compliant.



FULLY ENCAPSULATED

Provides high resistance against shock and vibration

INDUSTRY STANDARD PACKAGE

Allows direct replacement of plug-in electromechanical relays

QUICK CONNECT TERMINATION

For easy installation in sockets or on boards



DIN Rail Mountable Socket
Part Number: **DRSED**



PC Board Mountable Socket
Part Number: **PCBSED**

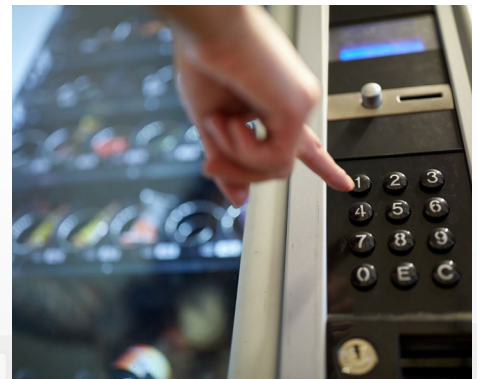
ORDERING OPTIONS

	ED	24	C	3	R
Series					
ED					
Operating Voltage					
06: 1-48 VDC (5 Amps only)					
10: 1-80 VDC (5 Amps only) 1-100 VDC (10 Amps only)					
24: 24-280 VAC					
Control Voltage					
B: 90-140 VAC					
C: 18-32 VDC					
D: 3-15 VDC *					
E: 18-36 VAC					
F: 48-72 VDC					
* 5-15 VDC range for ED06D5, ED10D5 & ED10D10					
Rated Load Current					
1: 1 Amp (not available with B, E & F suffixes)					
3: 3 Amps (not available with B & E suffixes)					
5: 5 Amps					
10: 10 Amps (not available with B, E & F suffixes)					
Switching Mode					
Blank: Zero Voltage Turn-On (AC Output only)					
R: Random Turn-On (AC Output only)					

Required for valid part number
 For options only and not required for valid part number

APPLICATIONS

- Plastic injection molding equipment
- Packaging equipment
- Professional cooking equipment
- Lighting control
- HVAC&R
- Battery Management Systems
- Backup Power Supplies
- Valves
- Vending Equipment
- Medical Equipment
- Test Equipment



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