# Solid State Relays

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The new range of Solid State Relays (SSRs) can be used in conjunction with West Control Solutions' controllers, providing a comprehensive solution for your temperature and process control applications.

SSRs are the ideal choice where the output switches frequently. With West SSRs, users can have peace of mind that their SSR will have a long life expectancy, require minimal maintenance and provide better control performance.

The family of SSRs include both panel and DIN rail mounted options with integral heatsink.

The West range of SSRs offers a number of features and benefits across the product family.

**These include:**
- LED Input Status Indicator
  - Provides at-a-glance easy identification of control status
- Zero cross switching
- CE compliant and UL
- Direct bond copper substrate

## Panel Mount SSRs

The WP SSRs provide an economy option for users requiring devices to switch up to 75A.

**Key features:**
- 10, 25, 50 and 75A output rating
- 48 to 660 VAC load voltage rating
- 4 to 32 VDC control voltage
- Panel mounting
- High thermal performance
- CE and UL / cUL
- RoSH compliant

Compatible with: **WEST** (PMA) **CAL**

**WP66D10**

**WP66D25**

**WP66D50**

**WP66D75**

# Slimline DIN-Rail Mounted SSRs

The WS range offers slim-line products for greater space saving. These single phase solid state relays fit a standard DIN-rail in a reduced 12mm or 18mm width for a minimal panel footprint.

The WS SSR is a self contained device with no need for an additional heat sink.

**WS28D06**

**WS28D12**

**WS60D12**

### Key features:

- 6 & 12 Amps output rating
- 24 to 280V and 48 to 600 VAC load voltage ratings
- 4 to 32 VDC control voltage
- DIN rail mounting
- IP20 housing
- CE and UL / cUL
- RoHS compliant

**Compatible with:** WEST (PMA) CAL

# DIN-Rail Mounted SSR with Integral Heatsink

The West family of SSRs includes WD range of DIN-rail mounted single phase devices.

The relays come in 22.5mm and 45mm width and range up to 45A. The SSRs can be directly mounted or DIN-rail mounted.

The series also benefit from built-in heat sink with small panel footprint.

### Key features:

- 10, 20, 30 and 45 Amps output rating
- 24 to 280V and 48 to 600 VAC load voltage ratings
- 4 to 32 VDC control voltage
- DIN-rail or panel mounting
- Epoxy-free design
- IP20 touch-safe housing
- CE and UL / cUL
- RoHS compliant

**Compatible with:** WEST (PMA)

**WD60D20**     **WD60D45**

**WD28D10**     **WD60D30**

| | Max. Rated Current | Control V. | Load V. | Part No. |
|---|---|---|---|---|
| **Panel Mount** | 10A | 4 to 32 VDC | 48 to 660 VAC | WP66D10 |
| | 25A | 4 to 32 VDC | 48 to 660 VAC | WP66D25 |
| | 50A | 4 to 32 VDC | 48 to 660 VAC | WP66D50 |
| | 75A | 4 to 32 VDC | 48 to 660 VAC | WP66D75 |
| **Slimline DIN-Rail** | 6A | 4 to 32 VDC | 24 to 280 VAC | WS28D06 |
| | 12A | 4 to 32 VDC | 24 to 280 VAC | WS28D12 |
| | 12A | 4 to 32 VDC | 48 to 600 VAC | WS60D12 |
| **DIN-Rail with Heatsink** | 10A | 4 to 32 VDC | 24 to 280 VAC | WD28D10 |
| | 20A | 4 to 32 VDC | 48 to 600 VAC | WD60D20 |
| | 30A | 4 to 32 VDC | 48 to 600 VAC | WD60D30 |
| | 45A | 4 to 32 VDC | 48 to 600 VAC | WD60D45 |

# Contact Us

**For more details on the full product range from West Control Solutions please visit www.West-CS.com.**

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