

# Panel Mount SSRs

# 7 RELAYS

## SERIES CS

10-90 Amp • 120/240Vac • AC Output

Fast Fax No. 162

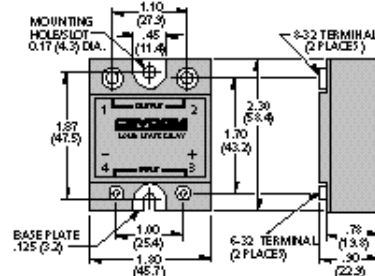
The Series CS has an SCR AC switch output featuring low off-state leakage (1mA, snubberless), zero-voltage switching and a broadened operating range (24-280Vac). This wide range permits optimum performance at both 120Vac and 240Vac line voltages.

- DC Control, SCR AC Output
- Low Leakage, Zero Voltage Switching



DC CONTROL Type	Line Voltage Range (Vac)	Load Current Range (Arms)	Control Voltage Range (Vdc)	Surge Current 1-Cycle (Apk)
CSD2410	24-280	.15-10	3.5-15	120
CSD2425	24-280	.15-25	3.5-15	250
CSD2440	24-280	.15-40	3.5-15	625
CSD2450	24-280	.15-50	3.5-15	625
CSD2475	24-280	.25-75	3.5-15	1000
CSE2410	24-280	.15-10	15-32	120
CSE2425	24-280	.15-25	15-32	250
CSE2440	24-280	.15-40	15-32	625
CSE2450	24-280	.15-50	15-32	625
CSE2475	24-280	.25-75	15-32	1000
CSE2490	24-280	.25-90	15-32	1200
CTD2410	24-280	.15-10	3.5-15	120
CTD2425	24-280	.15-25	3.5-15	250

Operating Temp Range: -40°C to 80°C Isolation Voltage (Vrms): 4000



Series CS and H12

## SERIES H12

25-90 Amp • 480, 600Vac • AC Output

Fast Fax No. 157

High voltage relays use IC driven circuits for switching loads up to 660 VAC. All models come with 1200 Volts blocking standard and are available with either AC or DC input (coil) control. Types CA, CD and WD are snubberless.

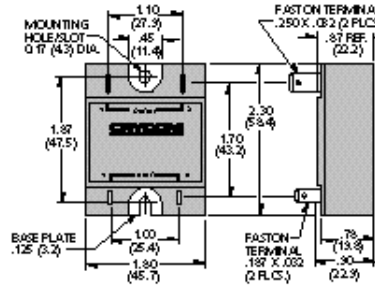
- 1200 Volt Blocking
- Up to 660Vac



DC CONTROL Type	Line Voltage Range (Vac)	Load Current Range (Arms)	Control Voltage Range (Vdc)	Surge Current 1-Cycle (Apk)
H12CD4850	48-660	.15-50	4-8	625
H12CD4890	48-660	.15-90	4-8	1200
H12WD4850	48-660	.15-50	4-32	625
H12WD4890	48-660	.15-90	4-32	1200
H12D4825	48-530	.15-25	4-32	250
H12D4850	48-530	.15-50	4-32	625
H12D4875	48-530	.15-75	4-32	1000
H12D4890	48-530	.15-90	4-32	1200

AC CONTROL Type	Line Voltage Range (Vac)	Load Current Range (Arms)	Control Voltage Range (Vac)	Surge Current 1-Cycle (Apk)
H12CA4850	48-660	.15-50	90-140	625
H12CA4890	48-660	.15-90	90-140	1200

Operating Temp Range: -30°C to 80°C Isolation Voltage (Vrms): 4000



Series CS and H12 with Faston Terminals

## SERIES NTD/NTA

10-25 Amp • 120/240Vac • AC Output

Fast Fax No. 176

Featuring zero-voltage or random switching and a broadband operating range (24-280Vac). This wide range permits optimum performance at both 120Vac and 240Vac line voltages.

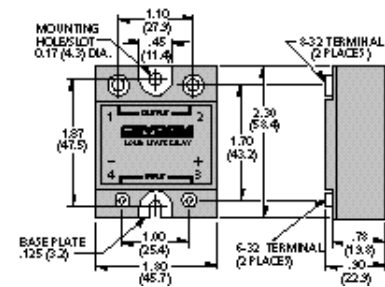
- AC or DC Control, Cost Effective
- Zero Voltage or Random Turn-On Switching



DC CONTROL Type	Line Voltage Range (Vrms)	Load Current Range (Arms)	Control Voltage Range (Vdc)	Surge Current 1-Cycle (Apk)
NTD2405	24-480	.15-5	4-15	40
NTD2410	24-480	.15-10	3-32	120
NTD2425	24-480	.15-25	3-32	250

AC CONTROL Type	Line Voltage Range (Vrms)	Load Current Range (Arms)	Control Voltage Range (Vrms)	Surge Current 1-Cycle (Apk)
NTA2410	24-480	.15-10	90-140	120
NTA2425	24-480	.15-25	90-140	250

AVAILABLE OPTIONS:  
-10 Random Turn-On, Phase Controllable  
F Faston Terminal  
Operating Temp Range: -30°C to 80°C Isolation Voltage (Vac): 4000



Series NTD/NTA

## SERIES 53TP

25-50 Amp • 240/480 • 3 Phase

Fast Fax No. 161

Three-phase solid state relays switch up to 530 Vrms directly to loads such as motors, transformers, heating elements, etc. Available with either AC or DC input (coil) control in zero-voltage or random turn-on switching versions.

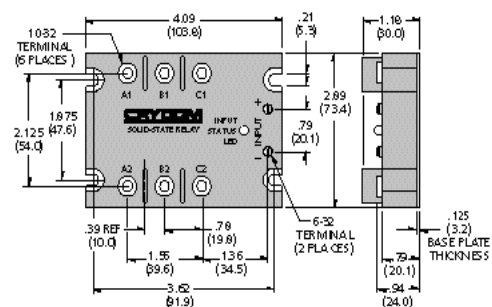
- SCR Output
- LED Status Indicator



DC CONTROL Type	Line Voltage Range (Vac)	Load Current Range (Arms)	Control Voltage Range (Vdc)	Surge Current 1-Cycle (Apk)
D53TP25D	48-530	.05-25	3-32	250
D53TP50D	48-530	.05-50	3-32	625

AC CONTROL Type	Line Voltage Range (Vac)	Load Current Range (Arms)	Control Voltage Range (Vac)	Surge Current 1-Cycle (Apk)
A53TP25D	48-530	.05-25	90-280	250
A53TP50D	48-530	.05-50	90-280	625

AVAILABLE OPTIONS:  
-10 Non-Zero Cross, Instantaneous Turn-On  
DP 2 Controlled, 1 Linked (C1-C2)  
Operating Temp Range: -40°C to 80°C Isolation Voltage (Vrms): 4000



Series 53TP