

Special Purpose High Voltage Solid State Relays for Power Capacitor Turning on/off, Motor Switching on/off

Type	features	Operational current A	Operational voltage V _{AC}	Control voltage V _{DC}	Outline
Series SGDH (40~150A)	<ul style="list-style-type: none"> • AC single phase • SCR output 	40,60, 80, 100, 120,150	530, 600	4~16	WG30 WG32
Series SGDH (200~350A)	<ul style="list-style-type: none"> • AC single phase • SCR output 	200, 250, 300, 350	530, 600	4~16	WG33
Series SGTH (40~80A)	<ul style="list-style-type: none"> • AC three phase • SCR output 	3×40A, 3×60A, 3×80A	530, 600	4~16	WG35 WG36

Special Purpose Compound Solid State Relays for Power Capacitor Turning on/off

Type	features	Operational current A	Operational voltage V _{AC}	Control voltage V _{DC}	Outline
Series SGDF (60~80A)	<ul style="list-style-type: none"> • AC single phase • Bar structure • Dual SCR power hybrid technology • High voltage (1400V_{PK}) versions for 530V_{RMS} service 	60, 80	480, 530, 600	12	WG37
Series SGDF (120~250A)	<ul style="list-style-type: none"> • Switch type: zero voltage turn on, zero current turn off 	120, 180, 250	480, 530, 600	12	WG38

Special Purpose Solid State Relays for Reversing Motor

Type	features	Load power kW	Operational voltage V _{AC}	Control voltage	Outline
Series SGR (1~7kW)	<ul style="list-style-type: none"> • Used for 3-phase motor • Built-in interlock function • AC or DC control voltage • Dual SCR power hybrid technology • Switched phases: 2-leg or 3-leg models 	1, 3, 5, 7	480, 530	10~ 30V _{DC} 115 V _{AC}	WG36

Special Purpose Integrated Phase Control Module for Regulation of Voltage

Type	features	Operational current A	Operational voltage V _{AC}	Control mode	Outline
Series SGRV (10~40A)	<ul style="list-style-type: none"> • Integrated phase control • Control mode: manual • TRIAC output 	10, 15, 25, 40	240	330k Ω potentionmeter	WG30
Series SGV (10~120A)	<ul style="list-style-type: none"> • Integrated phase control • Control mode: automatism or manual • TRIAC output or SCR output 	10, 15, 25, 40 (for TRIAC ,SCR) 60, 80, 100,120 (for SCR)	240,440 (for TRIAC) 280,480 (for SCR)	0~5 V _{DC} or 4~20mA (for automatism) 10k Ω potentionmeter (for manual)	WG39

Special Purpose Solid State Relays for Regulation of Light

Type	features	Operational current A	Operational voltage V_{AC}	Control voltage V_{DC}	Outline
Series SGDH (40~80A)	<ul style="list-style-type: none"> • AC single phase • Anti electromagnetic interference • Photoelectric couple input • Double SCR reverse-parallel output • 'Vacuum +N₂ protection' soldering technology • SMT mounting 	40, 60, 80	240	3~8 4~16 3~32	WG30 WG40

Special Purpose Solid State Relays for Oiler

Type	features	Operational current A	Operational voltage V_{AC}	Control voltage V_{DC}	Outline
Series SGS (1~3A)	<ul style="list-style-type: none"> • AC single phase (SGS); AC three phase (SGT) • Anti electromagnetic interference 	1, 2, 3	240, 440	3~8 4~16	WG25
Series SGT (10~40A)	<ul style="list-style-type: none"> • Photoelectric couple input • TRIAC output 	3×10A, 3×15A, 3×25A, 3×40A	440	3~8 4~16	WG35

