

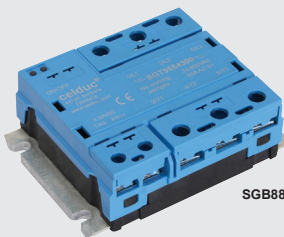
new



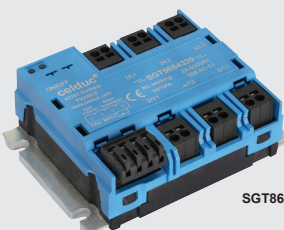
SMB8650510



SMT8620520



SGB8850200



SGT8670500

**Three phase Solid State Relays**

All three-phase Solid State Relays incorporate new high efficiency back to back thyristors on output with TMS<sup>2</sup> technology for a long lifetime expectancy and high surge currents.

- Three phase Zero Cross Solid State Relays
- Control status LED
- Conforms to: IEC/EN 60947-4-3, CEI 62314, UL-cUL

type	max. thyristor rating	switching current AC-51 (40°C)	switching voltage	peak voltage	control voltage	I2t
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**Sightpac series - 3 phase Solid State Relays** (H) 100 x (W) 45 x (D) 48 mm

- New compact - 45 mm wide version

**SMB series two leg 3 phase Solid State Relay**

Designed for controlling three-phase loads connected in star or delta (*if balanced*)  
Two of the three phases are switched by the SSR the third phase being directly connected

- Three phase Zero Cross Solid State relay with one direct connected phase
- Designed for resistive loads

<b>SMB8650510</b>	2 x 50A	3 x 30A	24 - 520 VAC	1600V	4 - 30 VDC	2800A <sup>2</sup> s
<b>SMB8670910</b>	2 x 75A	3 x 35A	150 - 520 VAC	1600V	4 - 30 VDC	7200A <sup>2</sup> s

**SMT series 3 phase Solid State Relay - for controlling three-wire three-phase loads**

- Three phase Zero Cross Solid State relay (SSR) designed for most load types
- Plug-in control terminals and spring clamp power terminals

<b>SMT8620520</b>	3x25A	3 x 20A	24 - 520 VAC	1200V	4 - 30 VDC	380A <sup>2</sup> s
<b>SMT8628520</b>	3x25A	3 x 20A	24 - 520 VAC	1200V	24 - 255 VAC/DC	380A <sup>2</sup> s

**Cel3pac series - 3 phase Solid State Relays** (H) 100 x (W) 76.5 x (D) 35.5 mm

**SGB series two leg 3 phase Solid State Relays**

Designed for controlling three-phase loads connected in star or delta (*if balanced*)  
Two of the three phases are switched by the SSR with the third being directly connected

- Three phase Zero Cross Solid State Relay with one direct connected phase
- Designed for resistive loads

<b>SGB8850200</b>	2 x 50A	3 x 50A	24 - 640 VAC	1600V	4 - 30 VDC	2800A <sup>2</sup> s
<b>SGB8890200</b>	2 x 125A	3 x 85A	24 - 640 VAC	1600V	4 - 30 VDC	22000A <sup>2</sup> s

**SGT series - 3 phase Solid State Relays - for controlling three-wire three-phase loads**

**SGT9 - zero cross for resistive loads (AC-51)**

<b>SGT9834300</b>	3 x 35A	3 x 30A	24 - 660 VAC	1600V	4 - 30 VDC	1250A <sup>2</sup> s
<b>SGT9854300</b>	3 x 50A	3 x 42A	24 - 660 VAC	1600V	4 - 30 VDC	2800A <sup>2</sup> s
<b>SGT9874300</b>	3 x 75A	3 x 54A	24 - 660 VAC	1600V	4 - 30 VDC	7200A <sup>2</sup> s

**SGT8 series - Zero cross for most load types**

**DC control**

<b>SGT8850200</b>	3 x 50A	3 x 42A	24 - 640 VAC	1600V	4 - 30 VDC	2800A <sup>2</sup> s
<b>SGT8670500</b>	3 x 75A	3 x 54A	24 - 520 VAC	1600V	4 - 30 VDC	7200A <sup>2</sup> s
<b>SGT8690500</b>	3 x 125A	3 x 64A	24 - 520 VAC	1600V	4 - 30 VDC	22000A <sup>2</sup> s

**AC control**

<b>SGT8658500</b>	3 x 50A	3 x 42A	24 - 520 VAC	1600V	24 - 255 VAC/DC	2800A <sup>2</sup> s
<b>SGT8678500</b>	3 x 75A	3 x 54A	24 - 520 VAC	1600V	24 - 255 VAC/DC	7200A <sup>2</sup> s
<b>SGT8698500</b>	3 x 125A	3 x 64A	24 - 520 VAC	1600V	24 - 255 VAC/DC	22000A <sup>2</sup> s

**SGTA series - 3 phase proportional controllers** (H) 75 x (W) 100 x (D) 46 mm

- Control supply voltage 8 - 30 VDC

**4-20mA control current input**

<b>SGTA4654</b>	3 x 50A	300 - 510 VAC	4 - 20mA	proportional output SSR
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**0-10V analog input**

<b>SGTA4650</b>	3 x 50A	300 - 510 VAC	0 - 10V	proportional output SSR
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**Accessories for above 3 phase series relays**

type	thermal rating	description	dimensions (mm)		
			(H)	(W)	(D)

**Heatsinks** SSR current ratings are based on sufficient cooling by the use of heatsinks

<b>WF108110</b>	1.1K/W	rail mountable heatsink for SM series relays	98	90	78
<b>WF115100</b>	0.9K/W	rail mountable heatsink for SM, SG, series relays	90	110	100
<b>1K199000</b>	cover	transparent terminal cover for relays SGB and SGT			