# SCT range

Three phase solid state relays in a single phase relay enclosure (width 45mm).

| Product reference | Switching current | Switching voltage | Peak voltage | Control voltage | Input R | I²t | Specifications | Dimensions mm |
|---|---|---|---|---|---|---|---|---|
| **SCT32110** | 3x10A | 12-440VAC | 800V | 4-30VDC | 330 Ω | 72A²s | random | 44,8x58x27 |
| **SCT62110** | 3x10A | 12-440VAC | 800V | 4-30VDC | 330 Ω | 72A²s | zero-cross | |

*These products also come with PCB terminals.*
*These product should be mounted with heatsink in order to reach nominal current.*

# SGB range 2 legs Three Phase Solid State Relays

Our SGB range is designed for controlling three wire three phase loads connected in delta or, if balanced, connected in star without the neutral connection. Two of the three phases are switched by the SSR, the third being directly connected. This reliable solution can be easily integrated into a control system because of simplicity of wiring.

| Product reference | Switching current | Switching voltage | Peak voltage | Control voltage | Input R | I²t | Specifications | Dimensions mm |
|---|---|---|---|---|---|---|---|---|
| **SGB967360E** | 3x75A | 24-600VAC | 1200V | 10-30VDC | 550 Ω | 7250A²s | zero-cross | 100x75,15x46 |

# SGT range

These relays have LED indicators..

| Product reference | Switching current AC-51 | Switching voltage | Peak voltage | Control voltage | Input R | I²t | Specifications | Dimensions mm |
|---|---|---|---|---|---|---|---|---|
| SGT range with 40mm housing | | | | | | | | |
| **SGT867350** | 3x75A | 24-600VAC | 1200V | 8-30VDC | 620 Ω | 5000A²s | Zero-cross / for most types of loads | 100x73,5x39,5 |
| **SGT962360** | 3x25A | 24-600VAC | 1200V | 8,5-30VDC | 620 Ω | 265A²s | Zero-cross / for resistive loads AC-51 | |
| **SGT965360** | 3x50A | 24-600VAC | 1200V | 8,5-30VDC | 620 Ω | 1500A²s | | |
| **SGT965960** | 3x50A | 24-600VAC | 1200V | 90-240VAC | 21 kΩ | 1500A²s | | |
| **SGT967360** | 3x75A | 24-600VAC | 1200V | 8,5-30VDC | 620 Ω | 5000A²s | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| SGT range with 47,6mm housing and square terminals | | | | | | | | |
| **SGT767470E** | 3x75A | 24-520VAC | 1200V | 4-32VDC | ic<25mA | 7250A²s | Random / for most types of loads | 100x75,15x46 |
| **SGT769360E** | 3x125A | 24-520VAC | 1200V | 8,5-30VDC | 21 kΩ | 20000A²s | | |
| **SGT865470E** | 3x50A | 24-520VAC | 1200V | 4-32VDC | ic<25mA | 2500A²s | Zero-cross / for most types of loads | |
| **SGT965360E** | 3x50A | 24-600VAC | 1200V | 10-30VDC | 550 Ω | 2500A²s | Zero-cross / for resistive loads AC-51 | |
| **SGT967360E** | 3x75A | 24-600VAC | 1200V | 10-30VDC | 550 Ω | 7250A²s | | |
| **SGT967760E** | 3x75A | 24-600VAC | 1200V | 10-24VAC | 400 Ω | 7250A²s | | |
| **SGT967960E** | 3x75A | 24-600VAC | 1200V | 90-240VAC | 21 kΩ | 7250A²s | | |
| **SGT968360E** | 3x95A | 24-600VAC | 1200V | 10-30VDC | 21 kΩ | 7250A²s | | |

*These products should be mounted with heatsink in order to reach nominal current.*

# SVT range

Three phase IP20 protection range to control resistive loads (AC-51) or for motor control (AC-53). These relays have LED. Please consult us for other loads.

| Product reference | Switching current AC-51 | Switching current AC-53 | Switching voltage | Thy-ristor rating | Control voltage | Input R | I²t | Protec. | Specifications | Dimensions mm |
|---|---|---|---|---|---|---|---|---|---|---|
| SVT range with 40mm housing | | | | | | | | | | |
| **SVT764394** | 3x50A | 3x12A | 24-520VAC | 50A | 8,5-30VDC | 620 Ω | 1500A²s | RC-VDR | Random | 100x76x56,5 |
| **SVT864374** | 3x50A | 3x12A | 24-520VAC | 50A | 10-32VDC | 580 Ω | 1500A²s | VDR | Zero-cross / for most types of loads | |
| **SVT867394** | 3x75A | 3x24A | 24-520VAC | 75A | 8,5-30VDC | 620 Ω | 5000A²s | RC-VDR | | |
| **SVT867994** | 3x75A | 3x24A | 24-520VAC | 75A | 90-240VAC | 620 Ω | 5000A²s | RC-VDR | | |
| **SVT869394** | 3x125A | 3x32A | 24-520VAC | 125A | 8,5-30VDC | 620 Ω | 20000A²s | RC-VDR | | |
| **SVT869994** | 3x125A | 3x32A | 24-520VAC | 125A | 90-240VAC | 21 kΩ | 20000A²s | RC-VDR | | |
| **SVT965360** | 3x50A | – | 24-600VAC | 50A | 8,5-30VDC | 620 Ω | 1500A²s | – | Zero-cross / for resistive loads AC-51 | |
| **SVT965760** | 3x50A | – | 24-600VAC | 50A | 10-30VAC/DC | 410 Ω | 1500A²s | – | | |
| **SVT967360** | 3x75A | – | 24-600VAC | 75A | 8,5-30VDC | 620 Ω | 5000A²s | – | | |
| **SVT967960** | 3x75A | – | 24-600VAC | | 90-240VAC | 21 kΩ | 1500A²s | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SVT range with 47,6mm housing | | | | | | | | | | |
| **SVT864394E** | 3x50A | 3x12A | 24-520VAC | 50A | 8,5-30VDC | 620Ω | 1500A²s | RC-VDR | Zero-cross / for most types of loads | 100x76x56,5 |
| **SVT868394E** | 3x95A | 3x24A | 24-520VAC | 95A | 8,5-30VDC | 620Ω | 11000A²s | RC-VDR | | |
| **SVT965460E** | 3x50A | – | 24-600VAC | 50A | 4-32VDC | ic<25mA | 1500A²s | – | Zero-cross / for resistive loads AC-51 | |
| **SVT965960E** | 3x50A | – | 24-600VAC | 50A | 90-240VAC | 21 kΩ | 1500A²s | – | | |
| **SVT967360E** | 3x75A | – | 24-600VAC | | 8,5-30VDC | 21 kΩ | 1500A²s | – | | |

*These products should be mounted with heatsink in order to reach nominal current.*