CS/SC Current Switches

	PRICE
CS-GNG-200	£23.20
CS-610-200	£40.70
SC-GNG-200	£26.10
SC-610-200	£40.70
CS-325	£29.40
CS-325-NS	£35.30
CS-DIN	£3.20

CS/SC current switches are solid-state switches that are available AC/DC switch types to suit any application. Some models feature pre-set threshold value to operate as an enable switch while others have adjustable threshold. The split core units are ideal for retorofit applications to place around cables without having to remove them from the circuit. The current switches are typically used in monitoring fans, heaters and pumps.

Input Frequency: 50/60Hz
Max. Input Current: 200A
Output Action: Normally Open
Ambient Temp: -15..50°C
Material: UL 94V-0 Rated ABS

Part No.	Trip Setpoint	Output
CS-GNG-200	Fixed at 0.75A	Mosfet, 30Vac/dc <500mA
CS-610-200	Adj. 1..200A	Mosfet, 30Vac/dc <500mA
SC-GNG-200	Fixed at 2A	Mosfet, 30Vac/dc <500mA
SC-610-200	Adj. 2..200A	Mosfet, 30Vac/dc <500mA
CS-325	Adj. 1..200A	Triac w/ Snubber
CS-325-NS	Adj. 1..200A	Triac, no Snubber

Part No.	Conductor Hole	Dimensions (mm)
CS-GNG-200	Ø20mm	W25 x H66 x D68
CS-610-200	Ø20mm	W25 x H66 x D68
SC-GNG-200	Ø20mm	W25 x H76 x D78
SC-610-200	Ø20mm	W25 x H76 x D78
CS-325	Ø20mm	W25 x H49 x D87
CS-325-NS	Ø20mm	W25 x H49 x D87

PART NO	DESCRIPTION
CS-GNG-200	Fixed Setpoint Solid Core Current Switch, Up to 200A, Setpoint Fixed at 0.75A
CS-610-200	Adjustable Setpoint Solid Core Current Switch 1..200A
SC-GNG-200	Fixed Setpoint Split Core Current Switch, Up to 200A, Setpoint Fixed at 2A
SC-610-200	Adjustable Setpoint Split Core Current Switch 2..200A
CS-325	Adjustable Setpoint Solid Core Current Switch 1.25..200A, 250Vac Triac Output, Snubber
C2-325-NS	Adjustable Setpoint Solid Core Current Switch 1.25..200A, 250Vac Triac Output, No Snubber
CS-DIN	DIN-rail Mounting Clip Set, 2 Clips

CURRENT SWITCH SELECTION GUIDE:-

When to use Mosfet Output? For DC and AC loads, with less than 30 volts AC or 40 volts DC and less than 500mA.
When to use Triac? For AC load only, when load is 120/240V and less than 1A.
When to use Snubber Circuit with Triac? The snubber prevents the switch remaining turned on when the current is no longer flowing through. This can happen with inductive load. With snubber there is leakage current that in some cases, e.g. 24Vac relay, may cause the relay to remain on. Use snubber for high-current inductive loads e.g. motors and contactors. Use no snubber for resistive or low-current inductive loads such as relays or lights.

SQ Level Switches

	PRICE
SQ-01	£64.00

SQ Level Switches are used to monitor the flow level in tanks and barrels.

Differential: 10/14 mm
Max Pressure: 11 bar
Connection: 1" BSP Thread
Material/Rating: Body: Brass, Float: Acrylic / IP65
Switching Contacts: 15 (8)A 250Vac SPDT
Level Length: 200 mm
Liquid Temp/Amb: +85°C / -40..+85°C
Dimensions: W140 x H62 x D65 mm

PART NO	DESCRIPTION
SQ-01	Level Switch, Brass Body

RLE Electronic Level Controllers for Conductive Liquids

RLE-24

RLE-ME

RLE-SF10 RLE-ST21

	PRICE
RLE-24	£32.00
RLE-ME	£46.00
RLE-SF10	£8.00
RLE-ST21	£22.00

RLE Level Controllers monitor fluid level in wells, tanks, pools and reservoirs. The RLE uses 3 probes to monitor the level in conductive fluids. All models are tropicalised for high %rH.

RLE-24 CONTROLLERS
Power Supply: RLE-24: 230Vac
Inputs: 3 SF10 Probe Inputs; max. connection length between 70..80 meters
Relay Output: 5A 250Vac SPDT
Adj Sensitivity: 0..100kOhm
Mounting/Protection: DIN-rail / IP20
Dimensions: W37 x H95 x D58 mm

RLE-ME CONTROLLERS
Power Supply: RLE-ME: 230/24/110Vac 50/60Hz
Inputs: 3 SF10 Probe Inputs; max. connection length between 1000 meters
Relay Outputs: 5A 250Vac SPDT
RLE-ME: 2nd Relay 2A 250Vac
Adj Sensitivity: 0..100kOhm
Activation Delay: 0..16s
Modes: Filling / Emptying
Dimensions: RLE-ME: W53 x H95 x D58 mm

PART NO	DESCRIPTION
RLE-24	Level Controller, 24Vac Power Supply
RLE-ME	Level Controller, Multivoltage, Enhanced
RLE-SF10	Probe for Level Controllers
RLE-ST21	3-Conductor Probe Holder