



All standard switchboards are available for rapid delivery

Standard LV Switchboard

SDC Industries designs and manufactures a wide range of standard modular switchboards, to suit your requirements.

With over 25 years experience, SDC Industries provides each customer with a system built to reach the ultimate in safety standards, giving a reliable form of power distribution and control.

The cubicle pattern LV switchboard is available in four standard models - SW500, SW1000, SW1500 and SW2000, and caters for loads ranging from 700 Amp to 2800 Amp.

The switchboards are constructed in modular format, allowing easy conversion, expansion and adjustment to changing demands.

Each standard model is manufactured and delivered ex-stock, or alternatively, on very short leadtime.

General Characteristics :

- Modular/Cubicle Format
- Free Standing
- Standards - IEC 60439-1
- Rating - Up to 690V
- Loads 700 Amp to 2800 Amp
- Degree of protection - IP43
- Separation - Form 4
- Colour - RAL 7035 Light Grey
- Bottom cable inlet and outgoers
- Surge Suppression equipment
- Multi-function metering facility
- All outgoing MCCB's fitted with rotary handles with door locking facilities.
- All breakers are fixed triple pole and are accessible from front of switchboard.
- All ACB's are fitted with facilities to padlock in open position.
- All incoming breakers are fitted with earth fault protection and neutral current CT tripping.

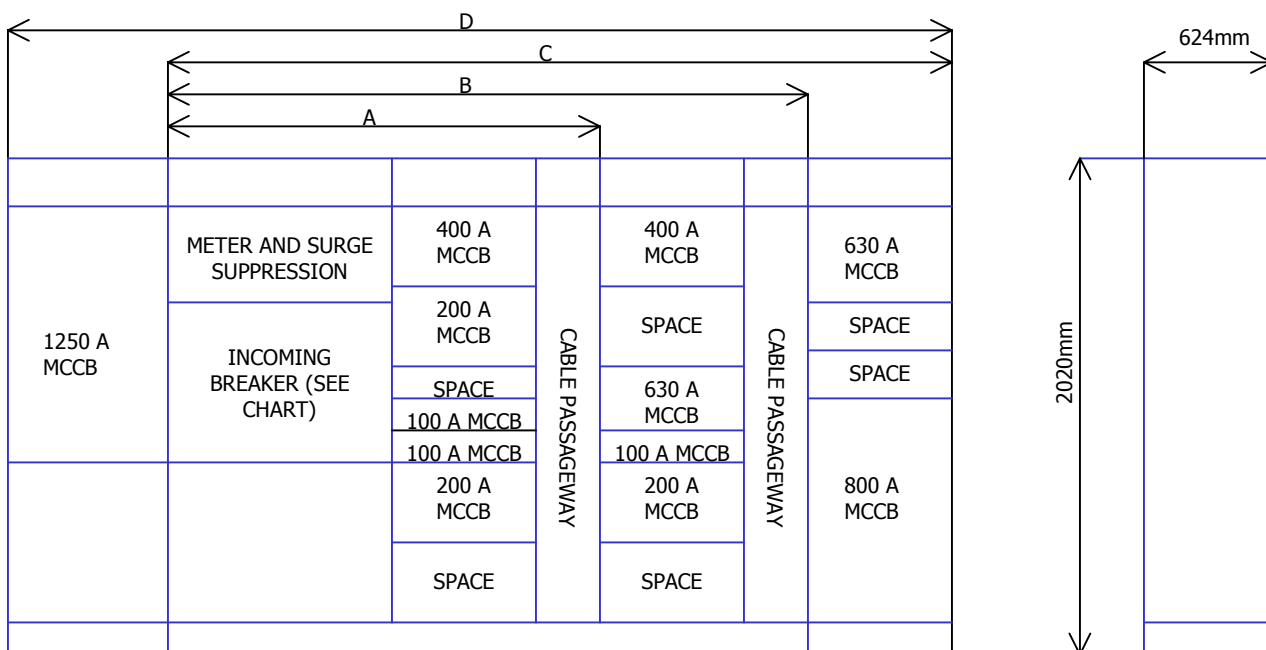


Multimeter fitted as standard giving :

- Instantaneous, average and maximum current
- Phase to Neutral and Phase to Phase Voltage
- Frequency
- Instantaneous, average and maximum Active Power (P)
- Instantaneous, average and maximum Reactive Power (Q)
- Instantaneous, average and maximum Apparent Power (S)
- Instantaneous and maximum Power Factor (PL) with inductive and capacitive indication
- Max hours run, maximum demand
- Surge and spike protection fitted to incoming supply as standard.

Optional - by customer request :

- Top cable inlet and outgoers
- Sizes of MCCB's
- Colour
- Additional MCCB's in spaces
- Anti-condensation heaters
- Additional ventilation/cooling
- Control systems
- Installation at site
- Customised height/length measurements



SWITCHBOARD REFERENCE	INCOMING CIRCUIT BREAKER		MINIMUM BREAKER FAULT LEVEL	OVERALL SWITCHBOARD LENGTH
	RATING	SETTING		
SW500	800A MCCB	700 AMPS	16 kA	LENGTH A = 1584mm
SW1000	1600A MCCB	1400 AMPS	29 kA	LENGTH B = 2544mm
SW1500	2500A ACB	2100 AMPS	45 kA	LENGTH C = 3312mm
SW2000	3200A ACB	2800 AMPS	50 kA	LENGTH D = 3888mm

OUR SPECIALIST ENGINEERS AT SDC INDUSTRIES WILL SURVEY ANY PREMISES NATIONWIDE FREE OF CHARGE BEFORE PROVIDING A DETAILED QUOTE FOR THE LV SWITCHBOARD

