

Switchboards

Key features

For distributing power around buildings and industrial plants, Safronics provide a range of switchboards. Using established designs, our assemblies provide reliability and flexibility:

- BS EN 60439-1 compliant
- certified busbars and earth bars for fault ratings:
 - 26 kA for 1 second
 - 50 kA for 1 second
 - 50 kA for 3 seconds
 - 80 kA for 1 second
- flexible provision of total building-management control systems to your specification
- wide range of control options including PLCs and BMS interfaces
- standard construction, enabling short lead times and economical solutions
- compact assemblies, allowing efficient use of your floor space



Meeting your requirements

- modular design
- products manufactured in individual tiers
- metalwork and enclosures available in a wide range of colours
- easy installation and cabling
- wide range of instruments and metering
- versatile enclosure design, allowing future extension of the switchboard
- ASTA / KEMA certified busbar systems, corner units and bus bridges, increasing design flexibility

Reliability

- BS EN 60439-1 compliant
- precision-built, custom-made enclosures, fabricated using the latest CNC technology
- fully welded construction
- all materials carefully selected and checked, ensuring a long working life and maximum reliability
- quality engineering for reliability in service
- high performance
- guaranteed personnel safety

“Using established designs, our assemblies provide reliability and flexibility.”

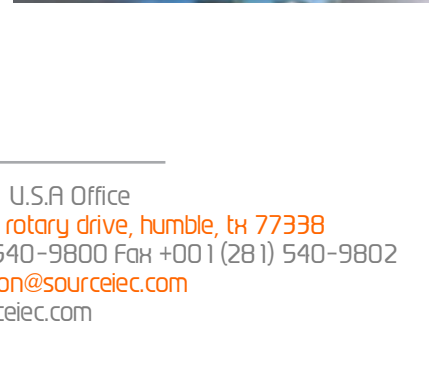


Support

- full installation, site testing and commissioning services
- detailed operation and maintenance manuals
- technical support and advice
- comprehensive 12-month warranty on all products

Technical details

- source-changeover systems available, ensuring power-supply continuity and minimum costs
- wide range of control options including PLCs and BMS interfaces
- wide choice of devices including ACBs, MCCBs and fuse switches
- comprehensive range of ancillary equipment including ammeters, voltmeters and kWh meters



Fault ratings for busbars and earth bars	26kA for 1 sec 50 kA for 1 sec 50 kA for 3 sec 80 kA for 1 sec
Busbar rating	up to 3200 A
Power supply	up to 690 V 3 phase 3 and 4 wire
Panel depths (standard)	400, 650 mm
Panel heights (standard)	2200, 2400 mm
Internal separation	Form 2, 4a, 4b
Ingress protection	IP 54
Cabling	Access: front / rear Approach: top / bottom
Standard service conditions	Indoors Peak 40 °C 24-hour average < 35 °C Minimum -5 °C Pollution degree 3 Outdoors Peak 40 °C 24-hour average < 35 °C Minimum -25 °C Pollution degree 3 Altitude < 1000 m