

LV Switchboards

With the Prisma Plus P System, SCS Group in Partnership with Schneider Electric propose high-performance technical solutions to produce low voltage electrical distribution switchboards up to 3200A in commercial, public & industrial buildings. From the simplest through to the most sophisticated, these solutions, both quick, open-ended and tailored to meet customers' needs, are designed with a strict eye to detail to ensure a professional result at a competitive price.



General Specification

Prisma Plus solutions conform to the specifications of standard IEC 61439-2:

- Temperature rise control
- Dielectric properties
- Short-circuit withstand
- Protection circuit efficiency
- Clearances and creepage distances
- Mechanical operation
- IP withstand.

Installation, distribution and prefabricated connection systems have passed all tests

successfully in the most restricting configurations. Production of the Prisma Plus switchboards follows the wiring diagram step by step.

- Each feeder or group of feeders has a mounting plate/front plate functional assembly allowing optimised and safe installation of devices.
- The power circuit and connections of the switchboard can be produced using prefabricated and tested solutions.
- Enclosure size is determined simply according to the switchgear installed, the connection method and positioning and the required free rows.

Product Data

	Icw	IP	IK	No. mod	Height	Width	Depth	Associability
P system cubicles up to 3200A 400VAC	85KA rms/1s	30/31/55	07 08 09	36	2000mm	300mm 400mm 650mm 800mm	400mm 600mm	width & depth