

PANELS CATALOGUE



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Zaki ElSewedy Group was founded in 1938, as a supplier of electrical materials. In 1960, it was elected by the Egyptian Government as an integral supplier for the largest project at the time “The High Dam of Aswan”.

Since then, The Holding Company has evolved to include various subsidiaries in different market sectors; including AIIT SEI and SI with over 85 years of experience in the MEA region.

ElSewedy Engineering Industries has managed to sustain its success in a continuously changing market through a constant focus on innovation and evolving business practices, while maintaining the highest ethical standards and meeting customer needs.

ElSewedy Engineering Industries has been investing heavily over the past few years in order to expand its presence throughout the MEA region, by upgrading our distribution networks, increasing our regional warehouses, depots, distribution fleet, as well as opening our own showroom.



ELSEWEDY ENGINEERING INDUSTRIES (SEI)

M.V & L.V Panels

ElSewedy Engineering Industries SEI manufactures electrical panels since 2006. Providing flexible solutions to projects in medium voltage and low voltage distribution panels with latest technology and high quality.

Our factory SEI in 6th of October industrial zone, is equipped with the latest machinery and quality control facilities that ensure the dependability of our range throughout the years.

Our workforce is highly trained, technically capable and competent, working with unprecedented enthusiasm and confidence

OUR PARTNERS



MEDIUM VOLTAGE SWITCHGEARS



MV Secondary Switchgears

"RMSYS"

RMSYS

RMSYS switchboard is a GIS Ring Main Unit which is composed of a monoblock partitioned into integrated operating units. The stainless steel shell is sealed and contains the switching device and all the live parts.

The possible combinations of 3-position rotary switches (close, open and earthed) with vacuum circuit breakers or fuses ensure protection of the outgoing circuits and /or transformers.

Every operating unit contains a plug-in cable connection compartment. A relief valve ensures safety in the event of overpressure inside the container, in accordance with the standards of IEC 62271-1; the pressure is constantly monitored by a manometer placed on the front.

The system is in keeping with IEC Standards Annex EE, related to sealed pressure systems.

RMSYS Technical Specifications

RMSYS 24 kV switchboard



RMSYS				
Rated voltage		kV	12	24
Rated power-frequency withstand voltage 50Hz 1Min (kV r.m.s.)	To earth and between phases	kV	28 (42)*	50 (75)*
	Across the isolating distance		32 (48)*	60 (90)*
Rated lightning impulse withstand voltage (peak value)	To earth and between phases	kV	75 (75)*	125 (150)*
	Across the isolating distance		85 (90)*	145 (165)*
Rated current main bus bars up to		A	630	
Rated current unit		A	630	
Short-time withstand current		kA - s	20 - 3s	
Peak value		kA	50	
Internal arc withstand		kA - s	20 - 1s	
Protection degree stainless steel tank		IP	67	
Altitude		m	≤1000	
Ambient temperature		°C	-5÷40	

NOTES

