DevControl MCC Panel

The DevControl MCC panel (Motor Control Center) is a low voltage switchboard that combines the protection, control and monitoring of all motor feeders in a facility in a single switchboard system. Built with fixed, plug-in or withdrawable modules, it can combine direct-on-line, star-delta, soft starter and AC drive (VFD) solutions in the same switchboard.

Technical Specifications

Applicable standard	IEC 61439-1, IEC 61439-2
Starting methods	Direct on line (DOL), star-delta, soft starter, AC drive (VFD)
Motor protection	Motor protection circuit breaker (MPCB), thermal overload relay, electronic motor protection relay, PTC/thermistor relay
Functional unit	Fixed-connection, plug-in or withdrawable
Internal separation	Form 3b, Form 4a, Form 4b
Control	Relay logic or PLC based control; local/remote selector switch
Operator interface	Touch-screen HMI, indicator lamps, ammeter, hour meter
Communication	Modbus RTU/TCP, Profibus DP, Profinet, EtherNet/IP
Drive compartment	Installed in a separate compartment, filtered fan or air conditioning, EMC-compliant wiring
Soft starting	Soft starter option with bypass contactor
IP rating	IP31 / IP41 / IP54
Enclosure	Cold-rolled (DKP) sheet steel; frame 2 mm, doors and covers 1.5 – 2 mm; electrostatic powder coating RAL 7035
Cable connection	Bottom or top; separate terminal compartment, numbered and labeled wiring
Redundancy	Dual busbar supply, interlocked transfer arrangement (optional)

Certification: Design verified to IEC 61439-1 and -2 · ISO 9001:2015 quality management system · CE (Low Voltage Directive 2014/35/EU). Type-test certificates with 65 kA Icw are available for 4000 A main distribution boards with ABB and Legrand incomers.