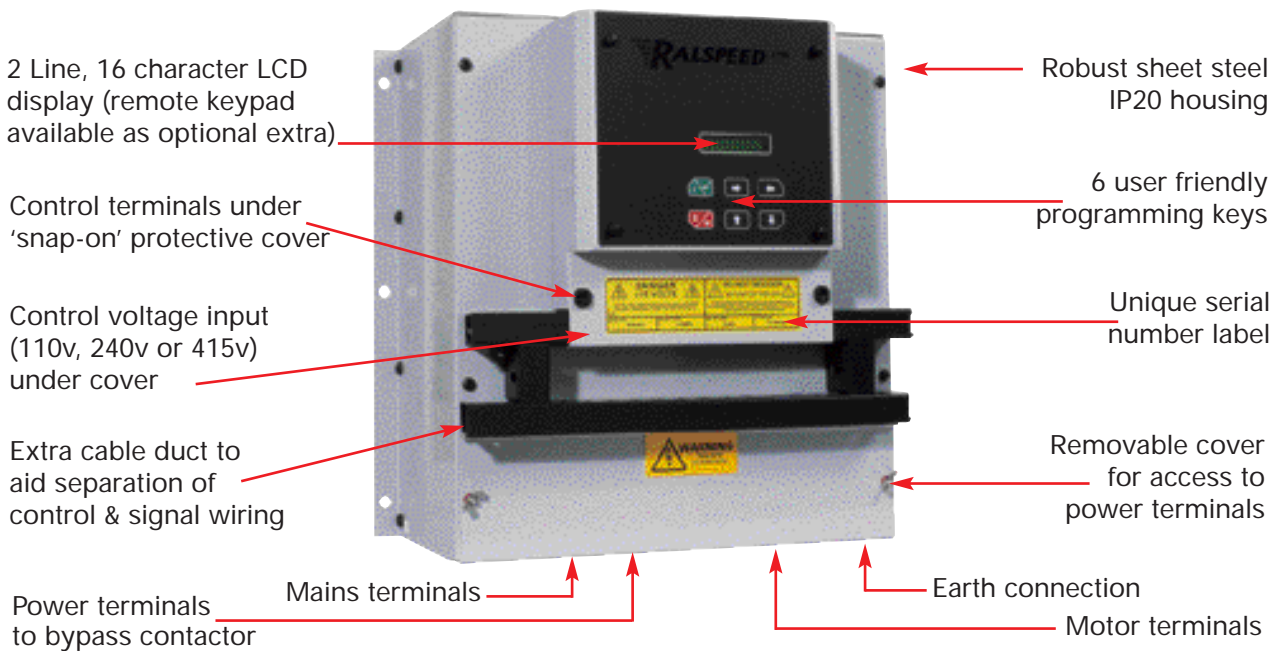


TQM2K-110/B to TQM2K-250/B

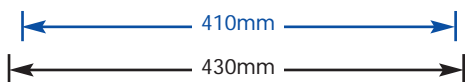
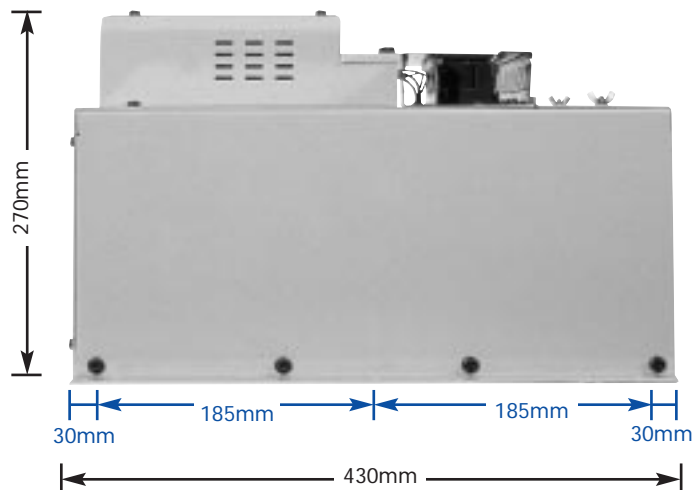
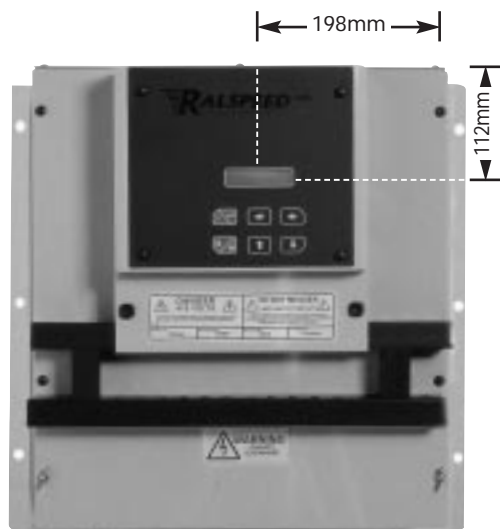
IP20 chassis version soft start unit for bypass duty, contactor to be supplied and fitted by the user



Technical Data	Ratings					
KW rating	110	132	160	186	225	250
Mains power (R, S, T)	110vAC to 415vAC + 10%-10% (690v available as standard option)					
Current rating (Amps) at 380v	205	245	300	342	408	460
Control supply L1 & L2 (on PCB)	110v / 220v / 440v User selectable and fully fused					
Accel / Decel time – (Voltage ramp)	1 to 240 seconds independently adjustable					
Current limitation details	Max current limit 600% of full load current Ramp to limit 1-10 sec, Current time out 10-60 sec					
Starting torque	25% to 70% of mains voltage – 5% steps					
Stopping torque	25% to 100% of mains voltage – 5% steps					
Torque boost (kick start)	70% of mains voltage adjustable from 200ms to 2sec					
Max switching cycle	12 even starts per hour with override in engineers menu					
Dimensions H x W x D (in mm)	430 x 430 x 270					
Weights Kg (approximately & unpacked)	25	25	25	25	30	30
Recommended AC1 rating of bypass	250	315	450	450	450	600
Power Terminals - (hole size in sq mm)	10	10	10	10	10	10
Ambient / Storage temperature	0°C 45°C / -22°C 75°C					
Programmable Relays	Overload, Underload, Thermistor, Service Over, Phase Fault, Firing Fault, External Trip, Overload Pre-alarm, Shearpin, Too many starts, Brake time over & Top of ramp					
Programmable Inputs	Inch, Reset Run Hours, External Trip, Brake Stop, Ramp Hold, Start Delay, Soft Stop, Local/Remote, Em Stop, Reset & Heatsink over Temperature					
Protection	Electronic Overload with 5 Selectable Curves, Underload, Thermistor Trip Circuit, Phase Fault, Thyristor Fault, Overload Pre-Alarm Too many starts, Emergency stop input & electronic "Shearpin"					
Information Screens	Motor Running - Time & Date, Ambient Temperature, Motor Amps (both digital & bar graph), 1000 Event Data-log (Downloadable), Service Interval & Run Hours					

Note: Due to continuous improvement & development, sizes & specification may change without notice - always check with factory before ordering.

TQM2K-110/B to TQM2K-250/B



Dimensions for fixing centres
(blue text)

GENERAL WIRING SCHEMATIC FOR TQM2K/B VERSION
(IP20 CHASSIS VERSION FOR USE WITH BYPASS CONTACTOR)

