

ERM High Power Range Burst Firing Power Controller

3 Phase Burst Firing Power Controllers for balance delta or star no neutral loads

ERM108 - 108KW @415V, 3 PHASE,
natural cooling
150A max. line current

ERM144 - 144KW @415V, 3 PHASE, fan cooling
200A max. line current

ERM180 - 180KW @415V, 3 PHASE, fan cooling
250A max. line current

ERM216 - 216KW @415V, 3 PHASE, fan cooling
300A max. line current

ERM288 - 288KW @415V, 3 PHASE, fan cooling
400A max. line current

ERM360 - 360KW @415V, 3 PHASE, fan cooling
500A max. line current

ERM540 - 540KW @415V, 3 PHASE, fan cooling
750A max. line current

ERM648 - 648KW @415V, 3 PHASE, fan cooling
900A max. line current

ERM864 - 864KW @415V, 3 PHASE, fan cooling
1200A max. line current



**** high speed fuses fitted as standard**

Specification

Supply voltage (line to line voltages)	380V, 415V, 440V, 480V, 500V & 600V (+/- 10%)
Supply frequency	47Hz to 63Hz
Input signal	0-5V, 0-10V; 47 kilo-ohms min. 4-20mA; 330 ohms max.
Cycle time at half power	Complete cycle burst firing to eliminate mains disturbance 2 to 35 seconds
Aux. 24Vac supply operating temperature	24Vac, 1.5VA max. 0 to 50 Deg. C
Storage temperature	-10 to 80 Deg. C
Isolation:	2500V rms.
control inputs are completely isolated from the load supplies	

Dimensions

ERM108 - ERM216	W: 300mm x H: 385mm x D: 255mm
ERM288	W: 300mm x H: 435mm x D: 255mm
ERM360	W: 300mm x H: 500mm x D: 255mm
ERM540	W: 550mm x H: 385mm x D: 300mm
ERM648 & ERM864	supply as two separate stacks for easy mounting, each unit W: 300mm x H: 800mm x D: 400mm

Heat Generated

ERM108 - 450W; ERM144 - 600W; ERM180 - 750W; ERM216 - 990W; ERM288 - 1200W
ERM360 - 1500W; ERM540 - 2250W; ERM648 - 2700W; ERM864 - 3600W