

CARROLL & MEYNELL LTD		3 Phase Autotransformers		
RS Part no	436-8861	436-8877		
Transformer Type	CMA10K/FM0	CMA30K/FM0		
Continuous Output Rating VA	10000	30000		
Input Voltage	380/400/415	380/400/415		
Frequency	50/60Hz	50/60Hz		
Output Voltage	380/400/415	380/400/415		
Regulation at Continuous rating	0.3%	0.2%		
Iron Loss Watts	22	46		
Copper Loss Watts	11	22		
Insulation resistance @2KV for 1 minute	>200MΩ	>200MΩ		
Flash Test Voltage for 1 minute	2KV	2KV		
Common winding resistance @ 20°C	0.93Ω	0.65Ω		
Overwind winding resistance @ 20°C	0.25Ω	0.006Ω		
Winding Temperature rise Pri °C	55	60		
Sec °C	55	60		
Dimensions (Width x Depth x Height)	420x260x350	420x260x350		
Weight (Kg)	20	20		
Materials and Construction				
Manufactured and tested in accordance with BSEN 61558-2-23				
The enclosure is manufactured from sheet steel and finished O8 E 51.				
The bobbin is manufactured in nylon / polyester glass composite and is rated for operation at 140°C				
The interwinding insulation is nomex/polyester composite.				
The winding wire is dual coated polyester , grade 2 rated for 200°C.				
This transformer is not designed to give mains isolation				
RSTECH/3pau/rev 0/14/08/02				