

CARROLL & MEYNELL LTD	Wall / Floor mounting Transformers 110 volt									
RS Part no	260-4345	260-4351	260-4367	260-4834	436-8833	436-8849	436-8962	436-8984	436-8990	436-9000
Transformer Type	CM1500WM0	CM1500WM2	CM3300WM0	CM3300WM2	CM5000WM0	CM5000WM4	CM5000/FM0/230	CM5000/FM0/400	CM10000/FM0/230	CM10000/FM0/400
Continuous Output Rating VA	900	900	1650	1650	3500	3500	5000	5000	10000	10000
Intermittent 5 mins on 15 mins off VA	1500	1500	3300	3300	5000	5000				
Primary Voltage	230	230	230	230	230	230	230	400	230	400
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Off-Load Secondary Volts	113.8	113.8	111.5	111.5	110.6	110.6	110.6	110.6	109.8	109.8
Full-Load secondary Volts	109.6	109.6	108.3	108.3	109.7	109.7	109.8	109.8	109.3	109.3
Regulation at Continuous rating	4%	4%	3%	3%	0.8%	0.8%	0.7%	0.7%	0.5%	0.5%
Efficiency at Continuous rating	94%	94%	95%	95%	96%	96%	97%	97%	98%	98%
Iron Loss Watts	18	18	35	35	52	52	68	68	140	140
Copper Loss @ Continuous rating										
Primary Watts	18.4	18.4	30	30	48	48	54	54	60	55
Secondary Watts	21	21	30	30	34	34	44	44	51	51
Insulation resistance @2KV for 1 minute	>200MΩ	>200MΩ	>200MΩ	>200MΩ	>200MΩ	>200MΩ	>200MΩ	>200MΩ	>200MΩ	>200MΩ
Flash Test Voltage for 1 minute	2KV	2KV	2KV	2KV	2KV	2KV	2KV	2KV	2KV	2KV
Primary winding resistance @ 20°C	0.93Ω	0.93Ω	0.53Ω	0.53Ω	0.19Ω	0.19Ω	0.1Ω	0.33Ω	0.3Ω	0.083Ω
Secondary winding resistance @ 20°C	0.25Ω	0.25Ω	0.16Ω	0.16Ω	0.04Ω	0.04Ω	0.021Ω	0.021Ω	0.006Ω	0.006Ω
Winding Temperature rise Pri °C	92	92	98	98	90	90	90	90	90	90
Sec °C	88	88	96	96	90	90	90	90	90	90
Primary Thermal circuit breaker rating	6Amp	6Amp	10Amp	10Amp	18Amp	18Amp				
Dimensions (Width x Depth x Height)	200x180x230	200x230x230	240x205x255	240x255x255	350x330x460	350x380x460	420x260x350	420x260x350	550x330x530	550x330x530
Weight (Kg)	10.5	10.5	18	18	35	35	50	50	85	85
Output Sockets	none	2x16A	none	2x16A	none	4x16A				
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 and screen insulation is nomex/polyester composite.									
	The winding wire is dual coated polyester , grade 2 rated for 200°C.									
										RSTECH/WMFM/rev 0/14/08/02