



CRT-E 230V- 60Hz



TECHNICAL CHARACTERISTICS

Dielectric	polypropylene metallized film
Winding connection	delta
Safety device	Internal overpressure disconnecter
Capacitance tolerance	-5%, +10%
Rated Voltage	230V
Rated Frequency	60 Hz
Over voltages	According to IEC Un + 10% (up to 8 hours daily) Un + 15% (up to 30 minutes daily) Un + 20% (up to 5 minutes daily) Un + 30% (up to 1 minute daily)
Over current (not continuative)	2 In (including harmonics)
Maximum inrush current	200 In
Insulation level	3 / 12 kV
Voltage test between terminals	2,15 Un, 50Hz, 10 seconds (routine test)
Voltage test between terminals	3,00 Un, 50Hz, 60 seconds (type test)
Voltage test terminals/case	3000V, 50Hz, 10 seconds
Dielectric losses	< 0.2 W/kvar
Temperature class	-25/D
Cooling	Natural air or forced ventilation
Permissible humidity	95%
Service life	130.000 operating hours (hot spot 50°C)
Service life	100.000 operating hours (hot spot 55°C)
Altitude above sea level	2000 m
Impregnation	resin filled, PCB free
Terminals	Terminal board / screws (D ≤ 65mm)
Fixing and Ground	Threaded M12 stud on case bottom
Mounting position	vertical preferable for better cooling
Protection degree	IP20 (only D ≥ 85mm)
Installation	Indoor
Discharge resistors	Included
Discharge time	< 3 minutes to 75V or less
Applicable standards	IEC 60831-1/2

Vn = 230V - 60Hz



PART NUMBER	MODEL	Q POWER (KVar)	C Capacity (µF)	In Current (A)	D Diameter (mm)	H Heigh (mm)	Weight (Kg)	Pcs/box	Box dimensions	Discharge resistor
CRT233120156V60	CRT-56V-1,2-230/60 **	1,2	3 x 20	3 x 3	55	165	0,5	30	370x370x245	Internal
CRT233180156V60	CRT-56V-1,8-230/60 **	1,8	3 x 30,1	3 x 4,5	55	165	0,5	30	370x370x245	Internal
CRT133240166V60	CRT-66V-2,4-230/60 **	2,4	3 x 40,1	3 x 6	65	205	0,7	6	370x370x106	Internal
CRT233300166V60	CRT-66V-3-230/60 **	3	3 x 50,1	3 x 7,5	65	205	0,7	6	370x370x106	Internal
CRE601233M60059	CRTE08520806023/60	6	3 x 100	3 x 15	85	208	1,6	4	370x370x106	External
CRE901233M60060	CRTE10020809023/60	9	3 x 150	3 x 22,6	100	208	2	3	370x370x106	External
CRE122233M60031	CRTE10020812023/60	12	3 x 200	3 x 30	100	208	2	3	370x370x106	External
CRE152233M60032	CRTE11620815023/60	15	3 x 250	3 x 37,6	116	208	2,6	3	370x370x125	External
CRE182233M60186	CRTE13620818023/60	18	3 x 300	3 x 45,2	136	208	3,2	2	370x370x161	External

* File number E99479

** Not UL approved