



CRT-E 480V - 60Hz



TECHNICAL CHARACTERISTICS

Dielectric	polypropylene metallized film
Winding connection	delta
Safety device	Internal overpressure disconnecter
Capacitance tolerance	-5%, +10%
Rated Voltage	480V
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 = 480V - 60Hz **ICAR**

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
CRT483100156V60	CRT-56V-1-480/60 **	1	3 x 3,8	3 x 1,2	55	165	0,5	30	370x370x245	Internal
CRT483150156V60	CRT-56V-1,5-480/60 **	1,5	3 x 5,8	3 x 1,8	55	165	0,5	30	370x370x245	Internal
CRT483200156V60	CRT-56V-2-480/60 **	2	3 x 7,7	3 x 2,4	55	165	0,5	30	370x370x245	Internal
CRT483250156V60	CRT-56V-2,5-480/60 **	2,5	3 x 9,6	3 x 3	55	165	0,5	30	370x370x245	Internal
CRT483300166V60	CRT-66V-3-480/60 **	3	3 x 11,5	3 x 3,6	65	205	0,7	6	370x370x106	Internal
CRT483400166V60	CRT-66V-4-480/60 **	4	3 x 15,4	3 x 4,8	65	205	0,7	6	370x370x106	Internal
CRT483500166V60	CRT-66V-5-480/60 **	5	3 x 19,2	3 x 6	65	205	0,7	6	370x370x106	Internal
CRE501483M60085	CRTE07520805048/60	5	3 x 19,2	3 x 6	75	208	1,2	5	370x370x106	External
CRE751483M60086	CRTE07520807548/60	7,5	3 x 28,9	3 x 9	75	208	1,2	5	370x370x106	External
CRE102483M60087	CRTE08520810048/60	10	3 x 38,5	3 x 12	85	208	1,6	4	370x370x106	External
CRE1D2483M60088	CRTE08520812548/60	12,5	3 x 48,1	3 x 15	85	208	1,6	4	370x370x106	External
CRE152483M60089	CRTE10020815048/60	15	3 x 57,7	3 x 18	100	208	2	3	370x370x106	External
CRE202483M60090	CRTE10020820048/60	20	3 x 77	3 x 24,1	100	208	2	3	370x370x106	External
CRE252483M60091	CRTE11620825048/60	25	3 x 96,2	3 x 30,1	116	208	2,6	3	370x370x125	External
CRE302483M60092	CRTE11620830048/60	30	3 x 115,5	3 x 36,1	116	208	2,6	3	370x370x125	External
CRE402483M60198	CRTE13620840048/60	40	3 x 154	3 x 48,1	136	208	3,2	2	370x370x161	External
CRE502483M60429	CRTE13636050048/60	50	3 x 192	3 x 60,1	136	360	5,5	2	470x280x161	External

* File number E99479

** Not UL approved