

CRT-E 525V - 50Hz



TECHNICAL CHARACTERISTICS

Dielectric	polypropylene metallized film
Winding connection	delta
Safety device	Internal overpressure disconnecter
Capacitance tolerance	-5%, +10%
Rated Voltage	525V
Rated Frequency	50 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 = 525V - 50Hz **IEC 91***

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
CRT523100156V00	CRT-56V-1-525 **	1	3 x 3,8	3 x 1,1	55	165	0,5	30	370x370x245	Internal
CRT523150156V00	CRT-56V-1,5-525 **	1,5	3 x 5,8	3 x 1,6	55	165	0,5	30	370x370x245	Internal
CRT523200156V00	CRT-56V-2-525 **	2	3 x 7,7	3 x 2,2	55	165	0,5	30	370x370x245	Internal
CRT523250156V00	CRT-56V-2,5-525 **	2,5	3 x 9,6	3 x 2,7	55	165	0,5	30	370x370x245	Internal
CRT523300166V00	CRT-66V-3-525 **	3	3 x 11,5	3 x 3,3	65	205	0,7	6	370x370x106	Internal
CRT523400166V00	CRT-66V-4-525 **	4	3 x 15,4	3 x 4,4	65	205	0,7	6	370x370x106	Internal
CRT523500166V00	CRT-66V-5-525 **	5	3 x 19,2	3 x 5,5	65	205	0,7	6	370x370x106	Internal
CRE501523M50016	CRTE07520805052	5	3 x 19,2	3 x 5,5	75	208	1,2	5	370x370x106	External
CRE751523M50035	CRTE07520807552	7,5	3 x 28,9	3 x 8,2	75	208	1,2	5	370x370x106	External
CRE102523M50057	CRTE08520810052	10	3 x 38,5	3 x 11	85	208	1,6	4	370x370x106	External
CRE1D2523M50038	CRTE08520812552	12,5	3 x 48,1	3 x 13,7	85	208	1,6	4	370x370x106	External
CRE152523M50058	CRTE10020815052	15	3 x 57,7	3 x 16,5	100	208	2	3	370x370x106	External
CRE202523M50021	CRTE10020820052	20	3 x 77	3 x 22	100	208	2	3	370x370x106	External
CRE252523M50022	CRTE11620825052	25	3 x 96,2	3 x 27,5	116	208	2,6	3	370x370x125	External
CRE302523M50023	CRTE11620830052	30	3 x 115,5	3 x 33	116	208	2,6	3	370x370x125	External
CRE402523M50079	CRTE13620840052	40	3 x 154	3 x 44	136	208	3,2	2	370x370x161	External
CRE502523M50428	CRTE13636050052 **	50	3 x 193	3 x 55	136	360	5,5	2	470x280x161	External

* File number E99479

** Not UL approved