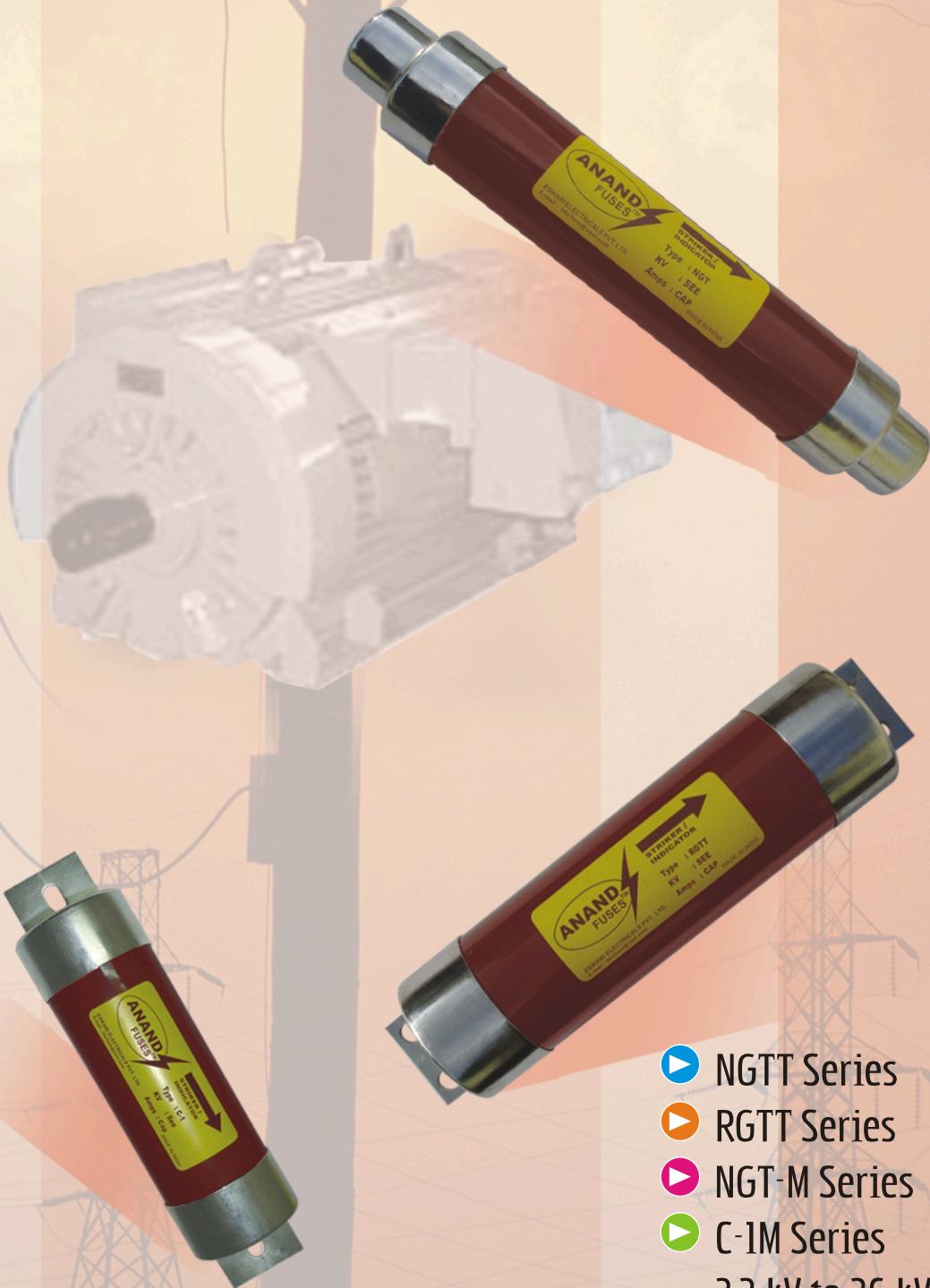




Eswari
Excellence in Protection



- ▶ NGTT Series
 - ▶ RGTT Series
 - ▶ NGT-M Series
 - ▶ C-1M Series
- 3.3 kV to 36 kV

Motor Protection Fuses

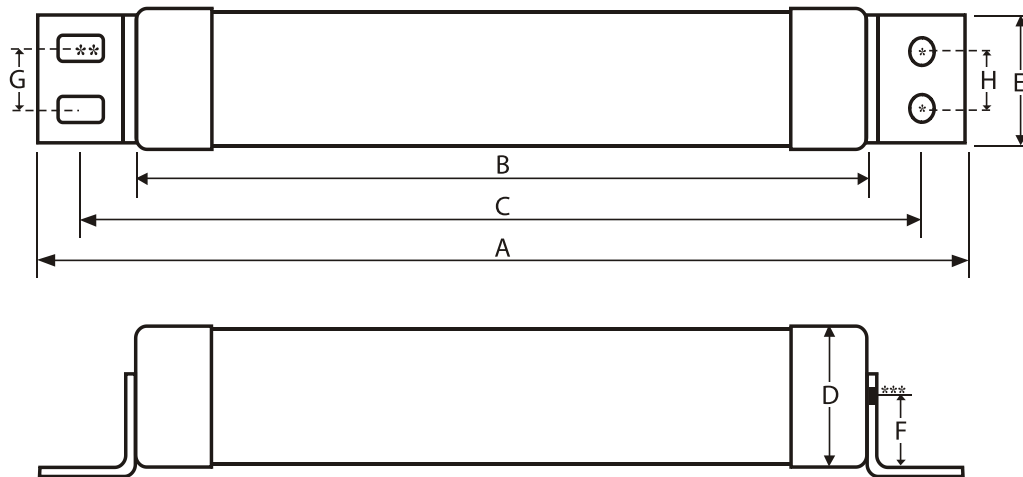
Motor Protection Fuses

Type NGTT, RGTT & C1(M), NGT (M) are specially designed for motor protection application. They are suitable for both Direct on-line motor starting application and in conjunction with contactors for star/Delta motor starting. These fuses offer protection for the motor circuit from inadmissible high over current and in case of short circuit, isolation takes place at the fastest given time. The fuses are designed to withstand surges due to frequent Starting of the motors

NGTT / RGTT Series

Type	Rated Voltage kV U_N	Rated Current A I_N	Catalogue No.	Max. Power Dissipation (Watts)	Rated Breaking Capacity kA I_b	Weight / unit in Kg
NGTT W	3.3 / 3.6 6.6 / 7.2	50	NGTT W 50	18	40	3.5
		63	NGTT W 63	25		
		80	NGTT W 80	35		
		100	NGTT W 100	38		
		125	NGTT W 125	45		
		160	NGTT W 160	48		
		200	NGTT W 200	56		
		250	NGTT W 250	64		
		315	NGTT W 315	88		
RGTT W	3.3 / 3.6 6.6 / 7.2	50	RGTT W 50	25	40	4
		63	RGTT W 63	38		
		80	RGTT W 80	49		
		100	RGTT W 100	54		
		125	RGTT W 125	65		
		160	RGTT W 160	79		
		200	RGTT W 200	93		
		250	RGTT W 250	124		
		315	RGTT W 315	132		
RGTT WB	3.3 / 3.6 6.6 / 7.2 11 / 12	50	RGTT WB 50	32	40	6
		63	RGTT WB 63	46		
		80	RGTT WB 80	62		
		100	RGTT WB 100	76		
		125	RGTT WB 125	88		
		160	RGTT WB 160	106		
		200	RGTT WB 200	124		
		250	RGTT WB 250	142		
		315	RGTT WB 315	154		
355	RGTT WB 355	172				

Dimension Drawings



- * Hole 11mm
- ** Slot 23 x 13 mm
- *** Striker / Indicator - if provided

Dimension Table

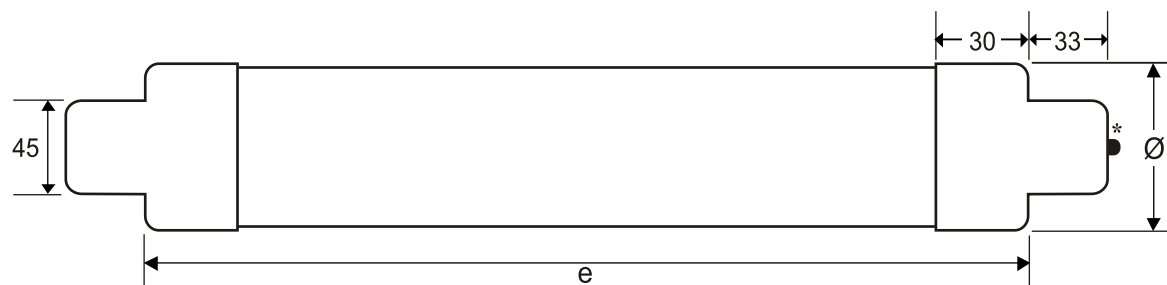
All Dimensions are in mm

Type	A	B	C	D	E	F	G	H
NGTTW	340	254	305	85	63	43.5	38	32
RGTTW	380	292	345	85	63	43.5	38	32
RGTTWB	588	502	553	85	63	43.5	38	32

NGT M Series

Type	Rated Voltage kV U_N	Rated Current A I_N	Catalogue No.	Dimensions in mm		Max. Power Dissipation (Watts)	Rated Breaking Capacity kA I_b	Weight / unit in Kg
				e	\varnothing			
NGT WM	3.3 / 3.6 6.6 / 7.2	50	NGT WM 50	292	63.5	25	40	2
		63	NGT WM 63			35		
		80	NGT WM 80			45		
		100	NGT WM 100			52		
NGT W AM	3.3 / 3.6 6.6 / 7.2	125	NGT W AM 125	292	85	62	31.5	4
		160	NGT W AM 160			79		
		200	NGT W AM 200			97		
NGT W BM	3.3 / 3.6 6.6 / 7.2	250	NGT W BM 250	442	85	125	25	6
		300	NGT W BM 300			135		
NGT X M	11 / 12	50	NGT X M 50	292	63.5	49	40	2
		63	NGT X M 63			67		
NGT X AM	11 / 12	80	NGT X AM 80	292	85	76	40	4
		100	NGT X AM 100			89		
		125	NGT X AM 125			95		
NGT X BM	11 / 12	160	NGT X BM 160	442	85	103	31.5	6
		200	NGT X BM 200			128		

Dimension Drawing



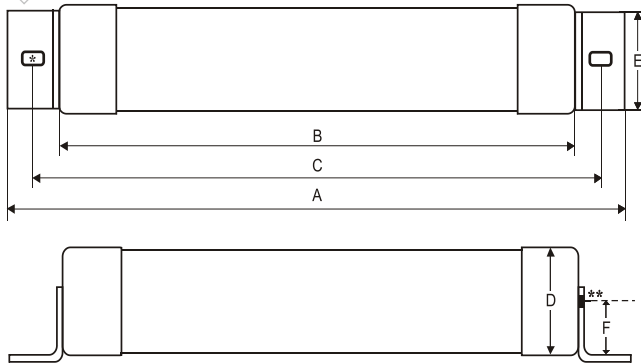
All Dimensions are in mm

* Striker / Indicator

C-1 M Series

Type	Rated Voltage kV U_N	Rated Current A I_N	Catalogue No.	Max. Power Dissipation (Watts)	Rated Breaking Capacity kA I_b	Weight / unit in Kg
C1 WM	3.6 / 7.2	50	C1 WM 50	18	40	2.5
		63	C1 WM 63	25		
C1 WAM	3.6 / 7.2	80	C1 WAM 80	29	40	3.5
		100	C1 WAM 100	36		
		125	C1 WAM 125	44		
		160	C1 WAM 160	50		
		200	C1 WAM 200	55		
		250	C1 WAM 250	63		
		315	C1 WAM 315	89		

Dimension Drawings



* Slot 23 x 13 mm
 ** Striker / Indicator

Dimension Table

All Dimensions are in mm

Type	A	B	C	D	E	F
C1 WM	346	254	308	63.5	57	36.5
C1 WAM	360	254	310	85	63	43.5

Fuse Selection Table

Starting Time	No. of starts / hour	Maximum permissible starting current in Amps					
5 Sec	2	740	480	360	250	130	90
	4	675	440	330	230	120	80
	8	615	400	300	210	110	75
	16	550	360	275	190	100	65
15 Sec	2	635	430	325	225	120	85
	4	580	400	285	200	110	75
	8	530	360	260	180	100	70
	16	475	325	225	160	90	60
30 Sec	2	600	420	300	210	120	80
	4	530	370	260	180	100	70
	8	460	320	230	160	90	65
	16	400	250	200	140	80	55
Fuse Rating in Amps		315	200	160	125	80	50