

July 2003
Ref. No. [197]

Ratings and Selection

When a decision has been made to use current limiting fuses, the minimum amount of information required to make the proper selection is:

- Voltage rating.

- Current rating.
- Interrupting rating.
- Mounting method.

Refer to **Table 6-2** for assistance in selecting the correct fuse Catalog Number.

These types of fuses are designed specifically to provide fault protection on high capacity indoor and underground distribution systems.

Table 6-2. Type CLT Current Limiting Fuses

Maximum Design Voltage (kV)	Current Rating (Amperes)	Catalog Number	Barrel Number	Interrupting Rating rms (kA Sym.)	Diameter (Inches)	Length (Inches)	Approx. Shipping Weight (lbs.)	Mounting (Includes Live Parts, End Fittings)			Catalog Number		Performance Curves			
								Type	Voltage (BIL) kV	Catalog Number		Live Parts ①	End Fittings ②	Minimum Melting Time	Total Clearing Time	Peak Let-Through Current
										Porcelain	Glass-Polyester					
2.75	5	2CLT-5	1	25	1.6	9.7	1.25	Not applicable.								
	12	2CLT-12	1	25	1.6	9.7	1.25									
	18	2CLT-18	1	25	1.6	9.7	1.25									
	25	2CLT-25	1	25	1.6	9.7	1.25									
	30	2CLT-30	1	25	1.6	9.7	1.25									
	75	2CLT-75	1	25	1.6	9.7	1.25									
	90	2CLT-90	1	25	2.25	9.76	2.5									
	150	2CLT-150	1	25	2.25	9.76	2.5									
5.5	8	5CLT-8	1	25	1.6	9.7	1.25									
	12	5CLT-12	1	25	1.6	9.7	1.25									
	18	5CLT-18	1	25	1.6	9.7	1.25									
	25	5CLT-25	1	25	1.6	9.7	1.25									
	30	5CLT-30	1	25	2.25	9.76	2.5									
	45	5CLT-45	1	25	2.25	9.76	2.5									
	60	5CLT-60	1	25	2.25	9.76	2.5									
8.3	5	8CLT-5	1	25	1.6	9.7	1.25									
	8	8CLT-8	1	25	1.6	9.7	1.25									
	12	8CLT-12	1	25	1.6	9.7	1.25									
	18	8CLT-18	1	25	1.6	9.7	1.25									
	25	8CLT-25	1	25	1.6	9.7	1.25									
	30	8CLT-30	1	25	1.6	11	1.25									
	45	8CLT-45	1	25	2.25	9.76	2.5									
15.5	4	15CLT-4	1	25	2.25	9.76	2.5									
	5	15CLT-5	1	25	2.25	9.76	2.5									
	8	15CLT-8	1	25	2.25	9.76	2.5									
	12	15CLT-12	1	25	2.25	9.76	2.5									
	18	15CLT-18	1	25	2.25	9.76	2.5									
	30	15CLT-30	1	25	2.25	9.76	2.5									

① Includes end fittings.

② Disconnect only.

Note: See **Pages 6-4 – 6-15** for fuse curve diagrams.

Fuse Dimensional Details

The drawing below specifies certain dimensions and references other dimensions (**Figure 6-1**). Refer to **Table 6-2** above for the referenced dimensions of particular CLT Type fuses.

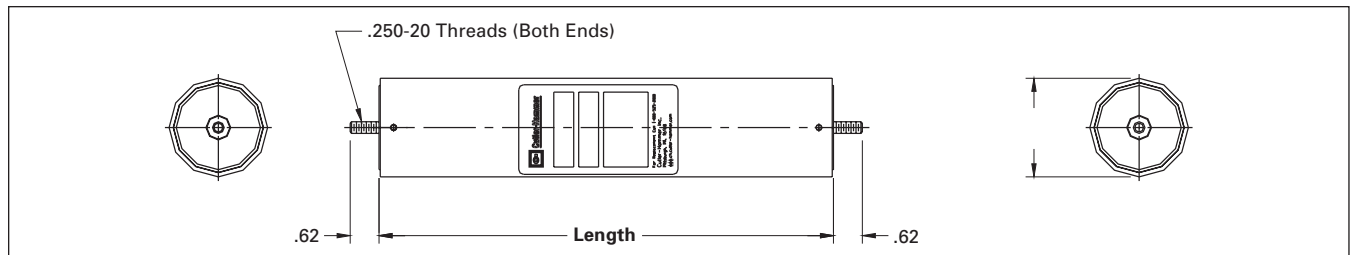


Figure 6-1. Type CLT Fuse