

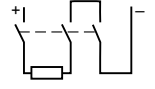


D.C. Power Circuit Switching

Utilization category			DC-1 L/R ≤ 1 ms	DC-3 L/R ≤ 2 ms	DC-5 L/R ≤ 7.5 ms
	24 V	A	16.0	16.0	16.0
	48 V	A	16.0	8.0	2.0
	60 V	A	16.0	4.0	1.25
	110 V	A	7.0	1.5	0.4
	220 V	A	0.8	0.25	0.2
	24 V	A	16.0	16.0	16.0
	48 V	A	16.0	16.0	16.0
	60 V	A	16.0	15.0	12.0
	110 V	A	16.0	7.0	2.0
	220 V	A	5.0	1.5	0.5
	24 V	A	16.0	16.0	16.0
	48 V	A	16.0	16.0	16.0
	60 V	A	16.0	16.0	16.0
	110 V	A	16.0	15.0	8.0
	220 V	A	14.0	4.0	2.0

Electrical Durability Curves for DC-1, DC-3 and DC-5

The curves below take into account the time constant L/R for each utilization category and show the electrical durability of the contactors during DC-1, DC-3 and DC-5 use for 3 poles connected in series.

If one single pole is used, the corresponding breaking capacity (W) is reduced to 1/3 and for 2 poles connected in series it is reduced to 2/3.

- A = DC-1 3 poles in series
- B = DC-3 3 poles in series
- C = DC-5 3 poles in series

