

January 2005

Meltric Corporation recently completed additional short circuit testing for its DS, DSN and DB product lines. Based on the successful results of this testing, all these devices now have short circuit **make** and **withstand** ratings of either **65kAIC** or **100kAIC**. UL witnessed and approved the testing and has updated our file (#E79796) with the ratings indicated in the table below.

Meltric Decontactor Short Circuit Ratings

Model	Device Information			Minimum Fusing Rqmt @400% of FLA ²	Short Circuit Make & Withstand Rating ³			
	Gen Use Rating	3Ø HP Rating With Highest Motor FLA ⁰	Max Motor FLA ¹		kAIC	VAC	Fusing	
	(2)	(3)	(4)		(6)	(7)	(8)	(9)
DSN1	20A	2HP @ 208VAC	8A	32A	100	480	RK1	35A
DSN3	30A	15HP @ 600VAC	17A	68A	100	600	RK1	125A
DSN6	60A	20HP @ 480VAC	27A	108A	100	600	RK1	110A
DS1	20A	3HP @ 208VAC	11A	44A	100	600	RK1	80A
DS3	30A	10HP @ 480VAC	14A	56A	100	600	RK1	125A
DS6	60A	25HP @ 600VAC	27A	108A	100	600	RK1	250A
DS100C	100A	25HP @ 600VAC	27A	108A	100	600	RK1	250A
DS9	100A	n/a	n/a	n/a	65	600	RK5 TD	100A
DS2	200A	n/a	n/a	n/a	65	600	RK5 TD	200A
DB3	30A	7.5HP @ 208VAC	26A	104A	100	600	RK1	125A
DB6	60A	15HP @ 208VAC	49A	196A	100	600	RK1	250A
DB9	100A	60HP @ 480VAC	77A	308A	100*	600	RK1	250A*

Notes:

- 0 Device hp/voltage rating with the highest motor full load ampacity (FLA)
- 1 The motor FLA associated with the specified hp and voltage rating
- 2 UL Subject 2682 requires testing with fusing at least 400% of maximum motor FLA
- 3 All short circuit testing was performed with power factors less than 0.15
- * The fusing used limits rating to 60hp @600V, 40hp @480V, 20hp@240V & 208V

Please contact Meltric's Engineering Department at (800) 433-7642 with any questions or requests for additional information.

