

Title:	Unidrive SP Size 6 Fusing		
Product:	Unidrive SP	Issue Date:	21-June-2005
Variant:	N/A	Date Codes:	
Category:	Cubicle design, Wiring etc.	Manuals affected:	No
Issued By:	Steve Roberts	Priority:	Normal

SUMMARY

NOTE: This Technical Notification supersedes T050603.

It is possible that under extreme circumstances, when the SP6401, 6402, 6601 and 6602 are running at the full current rating and there are a number of brownouts on the system that the input fuse ratings in the Unidrive User Guide issue 10 manual are slightly under rated. The tables below shows the Unidrive SP User Guide issue 10 manual fuse ratings and the up-dated ratings.

MORE INFORMATION

The Unidrive User Guide issue 10 and the up-dated ratings are shown below in tables 1 and 2.

	Typical Input Current	Maximum Input Current	Fuse option 1		Fuse option 2	
			IEC classs gR	North America Ferraz HSJ	HRC IEC class gG UL class J	Semi-conductor IEC class aR
Model	A	A	A	A	A	A
SP6401	206	215	250	250	250	315
SP6402	247	258	315	300	300	350
SP6601	128	139	160	175	150	315
SP6602	144	155	160	175	160	315

Table 1 - SP User Guide Issue 10 Manual values

	Typical Input Current	Maximum Input Current	Fuse option 1		Fuse option 2	
			IEC classs gR	North America Ferraz HSJ	HRC IEC class gG UL class J	Semi-conductor IEC class aR
Model	A	A	A	A	A	A
SP6401	207	215	315	300	250	315
SP6402	247	258	315	300	315	350
SP6601	128	139	200	200	200	200
SP6602	144	155	200	200	200	200

Table 2 - Updated Fuse Ratings

The fuse ratings in table 2 are also the correct values for the Unidrive SPMA drives.

The SPM1401 has the same fuse ratings as a SP6401

The SPM1402 has the same fuse ratings as a SP6402

The SPM1601 has the same fuse ratings as a SP6601

The SPM1602 has the same fuse ratings as a SP6602

MANUAL UPDATE

This information will be included into the Unidrive SP User guide Issue 11 manual.