

TECHNICAL NOTIFICATION

T050705

Title: Unidrive SPM intermediate solution for output sharing inductors

Product:	Unidrive SPM	Issue Date:	06-July-2005
Variant:	N/A	Date Codes:	
Category:	General	Manuals affected:	No
Issued By:	Jon Atkinson	Priority:	Normal

SUMMARY

Until the OTL range of output sharing inductors is finalised the following inductors should be used with the different ratings of SPM module.

MORE INFORMATION

The OTL range of output sharing inductors is not yet available for the SPM range of drives. To allow projects to proceed in the short term the chokes detailed overleaf, which are already available from unit 79, should be used. Alternatively the specification can be used to source chokes locally.

<i>New name</i>	SPMD1401	SPMD1402	SPMD1403	SPMD1404	SPMD1601	SPMD1602	SPMD1603	SPMD1604
<i>Motor Current rating normal duty (A)</i>	202	236	290	350	125	144	168	192
<i>Motor Power rating normal duty (kW)</i>	110	132	160	200	90	110	132	160

<i>O/P sharing inductors</i>								
<i>Eventually</i>	OTL401	OTL402	OTL403	OTL404	OTL601	OTL602	OTL603	OTL604
Lac (uH) =	40.1	34	29.4	23.9	103.9	81.8	70.1	59.2
Thermal current rating =	218	255	313	378	135	156	181	207
<i>Interim solution</i>	4401-0176	4401-0176	4401-0175	4401-0175	4401-0173	4401-0173	4401-0175	4401-0175
Number in parallel	1	1	2	2	1	1	1	1
Lac (uH) =	100	100	67.5	67.5	160	160	135	135
Thermal current rating =	300	300	404	404	156	156	202	202