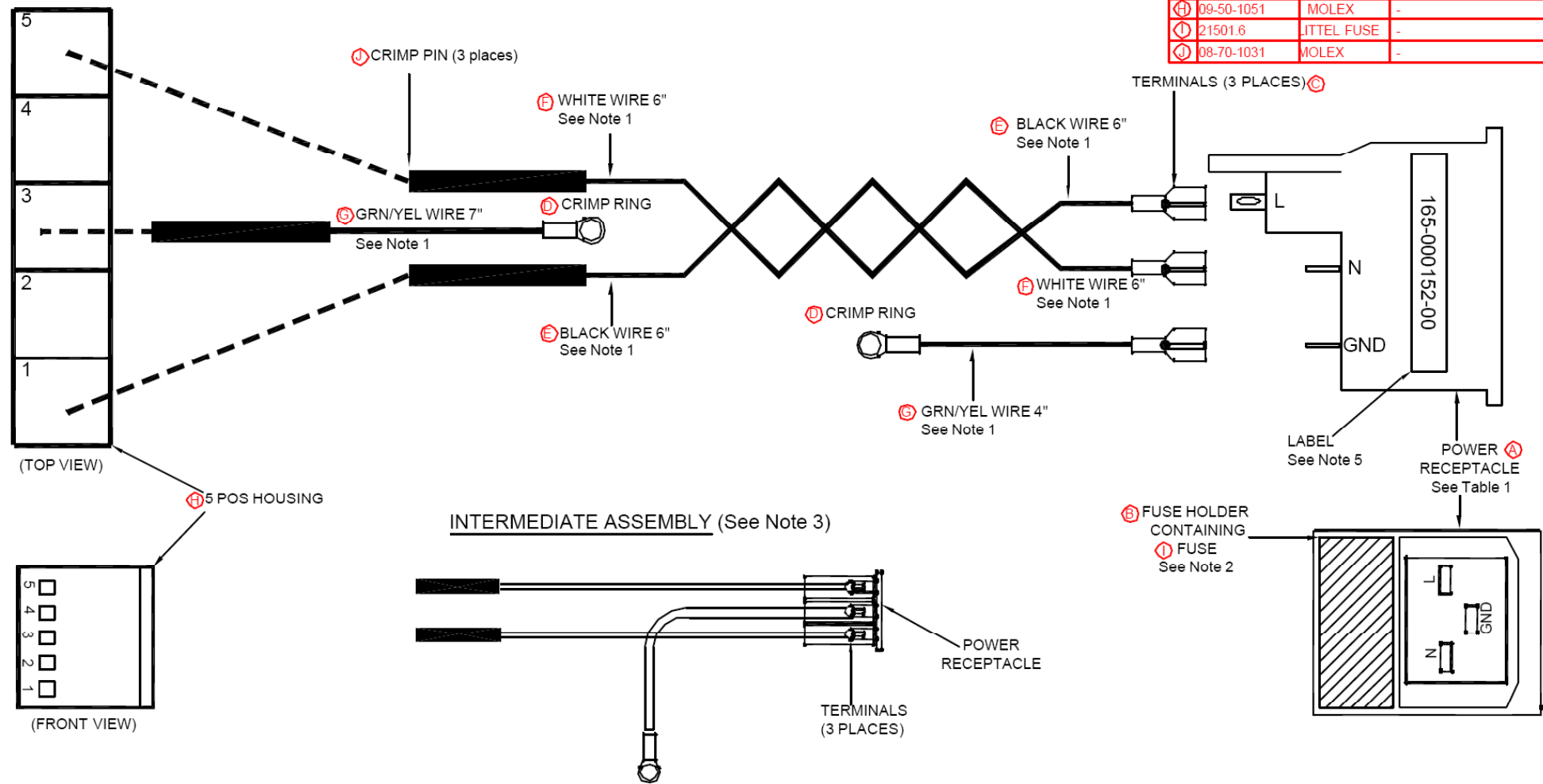


GPI32XP POWER CABLE

FIGURE 1: CABLE ASSEMBLY



HARDWARE USED				
REF	LEITCH PN	MFG	MANUFACT PN	QTY
(A)	4301.0522	Schurter	-	1
(B)	4301.1405	Schurter	-	1
(C)	DNF18-205FIB	ELEC SONIC	-	3
(D)	P18-6R	Panduit Cor	-	2
(E)	3075/BLK	SYCOR	A1U18106T-OA	1
(E)	3075/WHT	SYCOR	A1U1816T-9A	1
(G)	3075/GRN/YEL	SYCOR	A1U1816T-5/4	2
(H)	09-50-1051	MOLEX	-	1
(I)	21501.6	ITTEL FUSE	-	1
(J)	08-70-1031	MOLEX	-	3

SOURCE CONTROL DRAWING

# GPI32XP POWER CABLE

NOTES:

1	<b>CABLE WIRE</b> <ul style="list-style-type: none"><li>- All wires shall be 18 AWG.</li><li>- All wire colour and length shall be according to the wire chart Table 2.</li><li>- Both ends of the wires are to be stripped 0.25".</li><li>- Prepare all wires first according to Table 2.</li></ul>
2	<b>CABLE WIRING</b> <ul style="list-style-type: none"><li>- Exposed Wiring is not allowed.</li><li>- Install wiring as indicated on the diagram.</li><li>- Testing for shorts and continuity shall be required. No Shorts between adjacent pins and between connectors. Continuity verified pin to pin and connector to connector as assigned in Table 1.</li><li>- Black and White wires are to be twisted together.</li><li>- Install the indicated fuse into the fuse holder.</li></ul>
3	<b>TERMINAL INSERTION</b> <ul style="list-style-type: none"><li>- Terminals shall be mated tightly with the power receptacle pins according to INTERMEDIATE ASSEMBLY drawing.</li></ul>
4	<b>CABLE ASSEMBLY</b> <ul style="list-style-type: none"><li>- Cable Assembly should be free of hazardous material including lead and Halogens.</li><li>- All materials shall be compliant to European legislation 2002 / 95 / EC (RoHS).</li></ul>
5	<b>LABELS</b> <ul style="list-style-type: none"><li>- Labels shall be permanent and legible.</li></ul>
6	<b>WORKMANSHIP</b> <ul style="list-style-type: none"><li>- The assemblies delivered to Leitch shall be free of defects and functional as specified in the design. The manufacturer shall utilize industry best practice for manufacturing these assemblies.</li></ul>

TABLE 1: PIN ASSIGNMENTS

PIN NO. ON POWER RECEPTACLE	CABLE WIRE COLOUR	CABLE WIRE DRESSING	CABLE WIRE LENGTH
1	WHITE	DNF18-205FIB TERMINAL	6"
2	BLACK	DNF18-205FIB TERMINAL	6"
3	GREEN/YELLOW	DNF18-205FIB TERMINAL	4"

TABLE 2: WIRE CHART

AWG	CABLE WIRE COLOUR	CABLE WIRE DRESSING (SIDE 1)	CABLE WIRE DRESSING (SIDE 2)	CABLE WIRE LENGTH
18	WHITE	08-70-1031 CRIMP PIN	DNF18-205FIB TERMINAL	6"
18	BLACK	08-70-1031 CRIMP PIN	DNF18-205FIB TERMINAL	6"
18	GREEN/YELLOW	18/22G CRIMP RING	DNF18-205FIB TERMINAL	7"
18	GREEN/YELLOW	18/22G CRIMP RING	08-70-1031 CRIMP PIN	4"