

REVISED

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29 December 1990

To: Linda Scott
Rex Debolt
Ron Berkman

Re: New Hook-up Wire Colors

REVISION: Wire insulation must be "UL1015"

THIS MEMO REPLACES THE PREVIOUS 27 DECEMBER WIRE DEFINITION.

The ST-8000A AC cabinet wiring will require some new wire color combinations. UL1950 and EN60950 also require use of "600V" wire insulation, type UL1015. This hook-up wire insulation is twice as thick as our standard insulation. This wire will only be used for AC line-voltage wiring.

I have therefore opened four new 832- series of part numbers: 832-117xy, 832-188xy, 832-227xy and 832-228xy. The decoding of the P/N is as follows:

WIRE
UL1015 Insulation
No. 22, Bonded
"7" = Solid Color; "8" = Striped
832-227xy
or 832-228xy
Stripe Color (BLK = 0, BRN = 1, etc.)
Body Color

Please purchase 1000 ft. of the following wires and add them to Source Control Drawings and to Inventory:

P/N	Body	Stripe	Description
832-18750	GREEN	none	No. 18 Bonded, UL1015 Insul.
832-18854	GREEN	YELLOW	No. 18 Bonded, UL1015 Insul.
832-22700	BLACK	none	No. 22 Bonded, UL1015 Insul.
832-22710	BROWN	none	No. 22 Bonded, UL1015 Insul.
832-22750	GREEN	none	No. 22 Bonded, UL1015 Insul.
832-22760	BLUE	none	No. 22 Bonded, UL1015 Insul.
832-22790	WHITE	none	No. 22 Bonded, UL1015 Insul.

832-22802 BLACK RED No. 22 Bonded, UL1015 Insul.
832-22803 BLACK ORANGE No. 22 Bonded, UL1015 Insul.
832-22804 BLACK YELLOW No. 22 Bonded, UL1015 Insul.
832-22805 BLACK GREEN No. 22 Bonded, UL1015 Insul.
832-22806 BLACK BLUE No. 22 Bonded, UL1015 Insul.
832-22809 BLACK WHITE No. 22 Bonded, UL1015 Insul.
832-22854 GREEN YELLOW No. 22 Bonded, UL1015 Insul.

These are the only color/size combinations we need at this time.

My apologies for confusion that may have caused by my memo of December 27th. UL1015 insulation is required by the VDE for ST-8000A Host Nation Approval.

If already purchased, the wire P/N's and specifications of the 27 December memo are usable, but not for VDE use. If received, the "27 December Wire" may be accepted and stored under the P/N's given. However, these wires will not be usable on Project 00794.

For future reference, please note that No. 22 is the largest wire size with UL1015 insulation that may be used with Panduit MAS-CON connectors (.156 series). No. 18 UL1015 wire will not fit into the MAS-CON plugs. All ST-8000A AC wiring will therefore use No. 22 wire.

G.W. Henry
Configuration Manager