	CERN Label			Comments
Magnet #	**LQXB09**			
Module Assy #	LMQXB09			
Q2A #	MQXB17			
Q2B #	MQXB16			
Corrector Serial #	HCMCBX_001-SI000026			
Thermometers			Expedition Resistance-CERN	
Q2A Inst Bus Side-Primary	CX_LS_X17219	**TT8312**	61.983	
Q2A Non-Inst Bus Side-Redundant	CX_LS_X16844	**TT8322**	65.219	
Q2B Inst Bus Side-Primary	CX_LS_X16896	**TT8332**	67.253	
Q2B Non-Inst Bus Side-Redundant	CX_LS_X16843	**TT8342**	65.413	

LMQXB-09

Cryogenic Thermometer Traveller

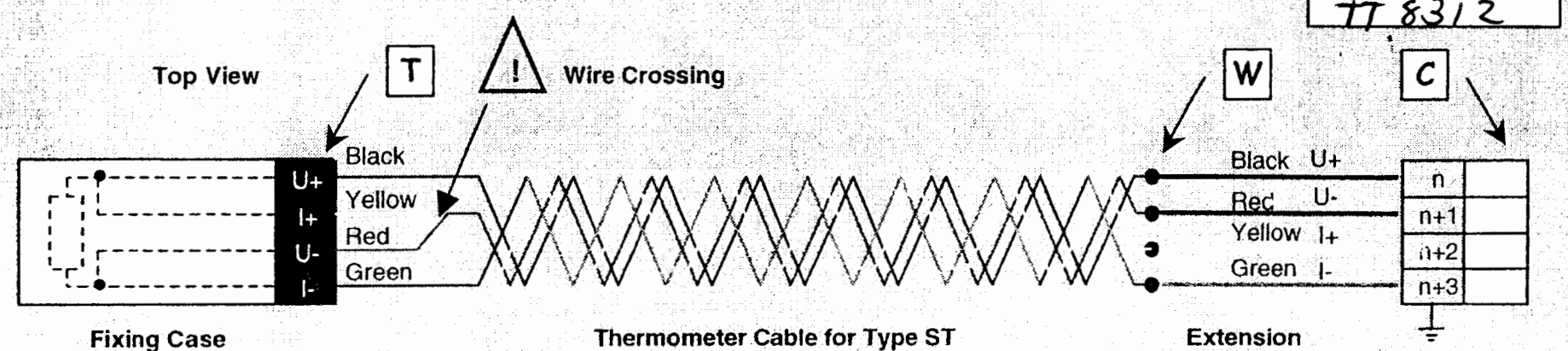
DESCRIPTION

Part description:	Cryogenic thermometer	**Top Assembly Identification:**	
Part Identification:	HCQITESCXT-CR013460		
Serial Number:	CX_LS_X17219	**Manufactured By:**	Fermilab

Q2A INST. BUS SIDE

CABLING

Connector Tag Name TT 8312



Fixing Case

Thread ☐
Hole ☐
Stud ☐

Thermometer Cable for Type ST

ρ (300 K) = 0.32 Ohm/m
Copper AWG 30
Length = ☐ m

Extension

ρ (300 K) = 0.07 Ohm/m
Copper AWG 24
Length: 0.8 m

CHECKS

Intervention	Date/ DD-MMM-YYYY	Check Point	R(U+,U-,I+,I-) [Ohm] 4W	R(U-,I-) [Ohm] 2W	R(U+,I+) [Ohm] 2W	R(U+,GND) [Ohm] 2W	Temperature [K]	Firm/Laboratory	Checked by
Calibration	*04-Feb-2002*	T	*63.85*	*n.a*	*n.a*	*OVL*	*Ambient*	*IPN*	*Joly*
Expedition	*12-Mar-2003*	T	*61.983*	*0.1*	*0.1*	*OVL*	*293*	*CERN*	*Grivat*
Reception		T W C	64.301					Fermi	Evans
		T W C							
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LM QXB-09

Cryogenic Thermometer Traveller

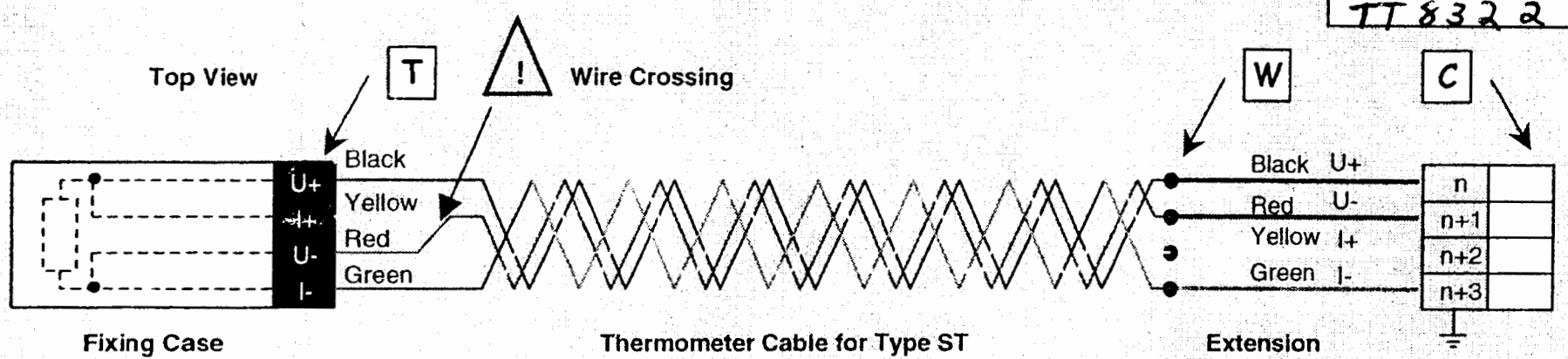
DESCRIPTION

Part description:	Cryogenic thermometer	**Top Assembly Identification:**	
Part Identification:	HCQITESCXT-CR012750		
Serial Number:	CX_LS_X16844	**Manufactured By:**	Fermilab

Q2a Non Inst. Bus Side

CABLING

Connector Tag Name TT8322



Fixing Case

Thread ☐
Hole ☐
Stud ☐

Thermometer Cable for Type ST

ρ (300 K) = 0.32 Ohm/m
Copper AWG 30
Length = ☐ m

Extension

ρ (300 K) = 0.07 Ohm/m
Copper AWG 24
Length: 0.8 m

CHECKS

Intervention	Date/ DD-MMM-YYYY	Check Point	R(U+,U-,I+,I-) [Ohm] 4W	R(U-,I-) [Ohm] 2W	R(U+,I+) [Ohm] 2W	R(U+,GND) [Ohm] 2W	Temperature [K]	Firm/Laboratory	Checked by
Calibration	*21-Jan-2002*	T	*66.66*	*n.a*	*n.a*	*OVL*	*Ambient*	*IPN*	*Joly*
Expedition	*12-Mar-2003*	T	*65.219*	*0.1*	*0.1*	*OVL*	*293*	*CERN*	*Grivat*
Reception		T W C	67.246					Ferm.	Evans
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LMQXB-09

Cryogenic Thermometer Traveller

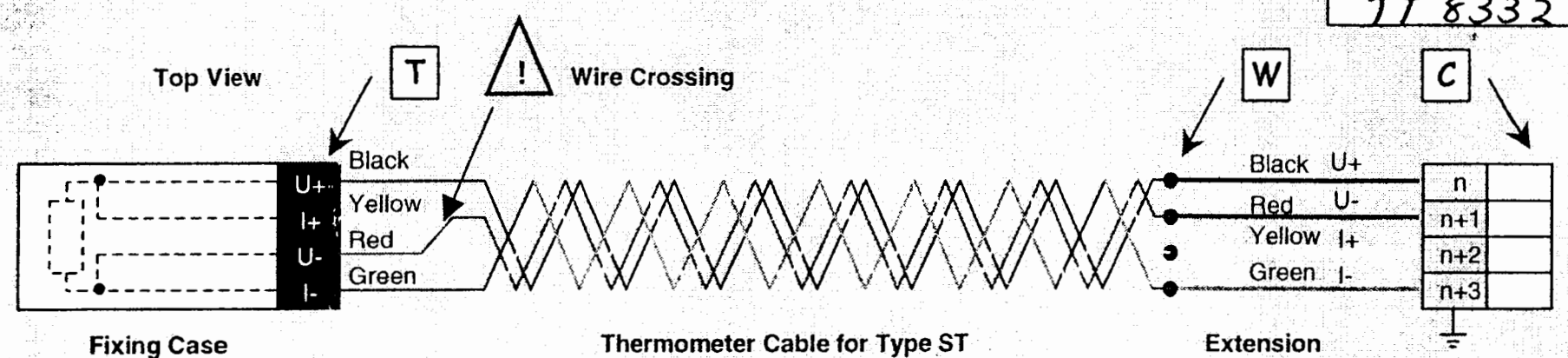
DESCRIPTION

Part description:	Cryogenic thermometer	**Top Assembly Identification:**	
Part Identification:	HCQITESCXT-CR012850		
Serial Number:	CX_LS_X16896	**Manufactured By:**	Fermilab

Q2b INST BW SIDE

CABLING

Connector Tag Name TT 8332



Fixing Case

Thread ☐
Hole ☐
Stud ☐

Thermometer Cable for Type ST

ρ (300 K) = 0.32 Ohm/m
Copper AWG 30
Length = ☐ m

Extension

ρ (300 K) = 0.07 Ohm/m
Copper AWG 24
Length: 0.8 m

CHECKS

Intervention	Date/ DD-MMM-YYYY	Check Point	R(U+,U-,I+,I-) [Ohm] 4W	R(U-,I-) [Ohm] 2W	R(U+,I+) [Ohm] 2W	R(U+,GND) [Ohm] 2W	Temperature [K]	Firm/Laboratory	Checked by
Calibration	*04-Feb-2002*	T	*68.97*	*n.a*	*n.a*	*OVL*	*Ambient*	*IPN*	*Joly*
Expedition	*12-Mar-2003*	T	*67.253*	*0.1*	*0.1*	*OVL*	*293*	*CERN*	*Grivat*
Reception		T W C	69.586					Fermi	Evans
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LMQXB-09

Cryogenic Thermometer Traveller

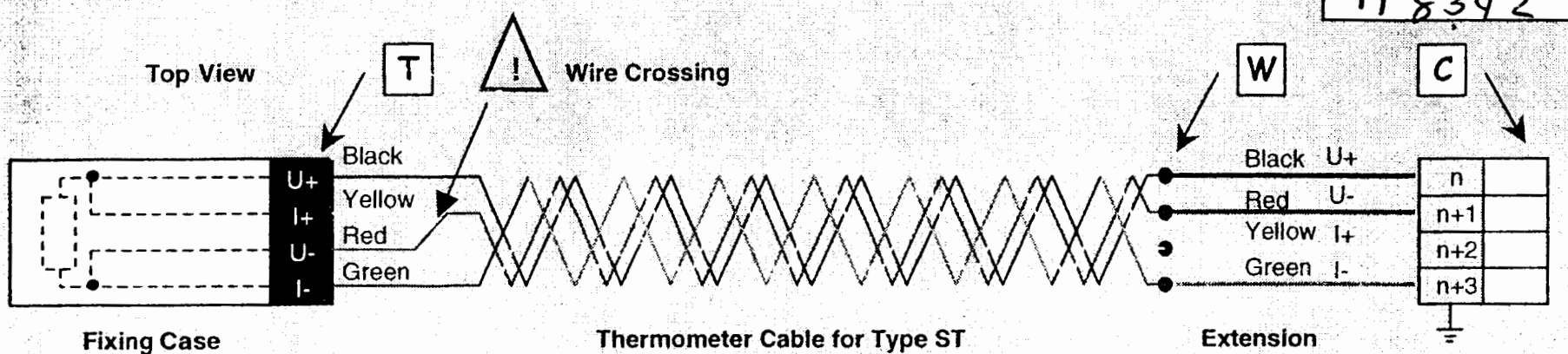
DESCRIPTION

Part description:	Cryogenic thermometer	**Top Assembly Identification:**	
Part Identification:	HCQITESCXT-CR012740		
Serial Number:	CX_LS_X16843	**Manufactured By:**	Fermilab

Q2b Non-Bus Side

CABLING

Connector Tag Name TT8342



Fixing Case

Thread ☐
Hole ☐
Stud ☐

Thermometer Cable for Type ST

ρ (300 K) = 0.32 Ohm/m
Copper AWG 30
Length = ☐ m

Extension

ρ (300 K) = 0.07 Ohm/m
Copper AWG 24
Length: 0.8 m

CHECKS

Intervention	Date/ DD-MMM-YYYY	Check Point	R(U+,U-,I+,I-) [Ohm] 4W	R(U-,I-) [Ohm] 2W	R(U+,I+) [Ohm] 2W	R(U+,GND) [Ohm] 2W	Temperature [K]	Firm/Laboratory	Checked by
Calibration	*21-Jan-2002*	T	*66.91*	*n.a*	*n.a*	*OVL*	*Ambient*	*IPN*	*Joly*
Expedition	*12-Mar-2003*	T	*65.413*	*0.1*	*0.1*	*OVL*	*293*	*CERN*	*Grivat*
Reception		T W C	67.619					Fermi	Evans
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