		CERN Label		Comments
Magnet #	**LQXB11**			
Module Assy #	LMQXB11			
Q2A #	MQXB20			
Q2B #	MQXB15			
Corrector Serial #	HCMCBX001_SI000007			
Thermometers			Expedition Resistance-CERN	
Q2A Inst Bus Side-Primary	CX_LS_X16750	**TT8312**	67.217	
Q2A Non-Inst Bus Side-Redundant	CX_LS_X16753	**TT8322**	60.134	
Q2B Inst Bus Side-Primary	CX-LS-X-16816	**TT8332**	67.507	
Q2B Non-Inst Bus Side-Redundant	CX-LS-X-16807	**TT8342**	67.661	

COPY

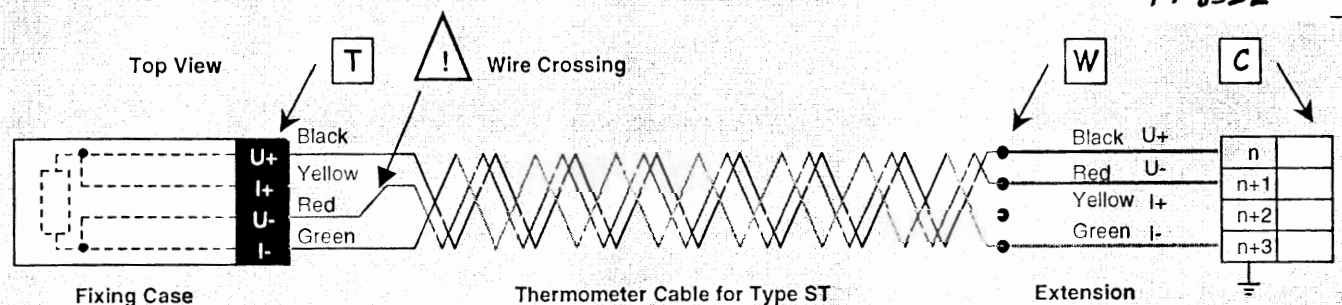
Cryogenic Thermometer Traveller

DESCRIPTION

Part description:	Cryogenic thermometer	**Top Assembly Identification:**	LMQXB11
Part Identification:	HCQITESCXT-CR012280		
Serial Number:	CX_LS_X16750	**Manufactured By:**	Fermilab

CABLING

Connector Tag Name TT8312



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	68.76	n.a	n.a	OVL	Ambient	IPN	Joly
Expedition	12-Mar-2003	T	67.217	0.1	0.1	OVL	293	CERN	Grivat
Reception	12-MAY-2005	T W C	68.588				74°F	FERMI	EVANS
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COPY

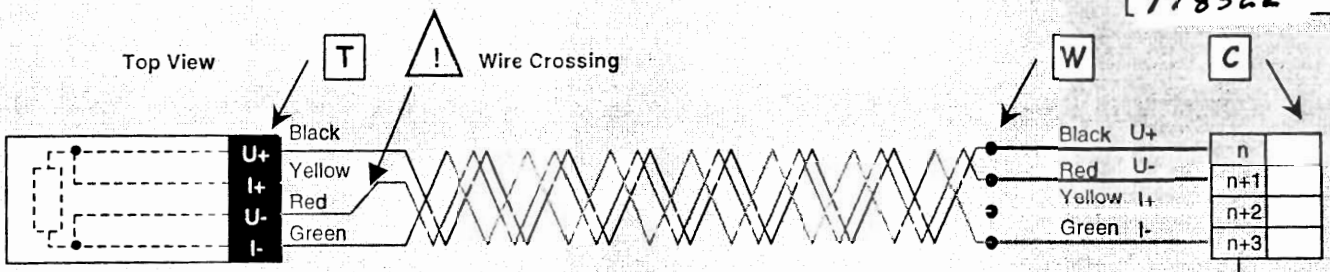
Cryogenic Thermometer Traveller

DESCRIPTION

Part description:	Cryogenic thermometer	**Top Assembly Identification:**	LMQXB11
Part Identification:	HCQITESCXT-CR012310		
Serial Number:	CX_LS_X16753	**Manufactured By:**	Fermilab

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	61.55	n.a	n.a	OVL	Ambient	IPN	Joly
Expedition	12-Mar-2003	T	60.134	0.1	0.1	OVL	293	CERN	Grivat
Reception	12-MAY-2004	T W C	61.374				74° F	FERMI	EVANS
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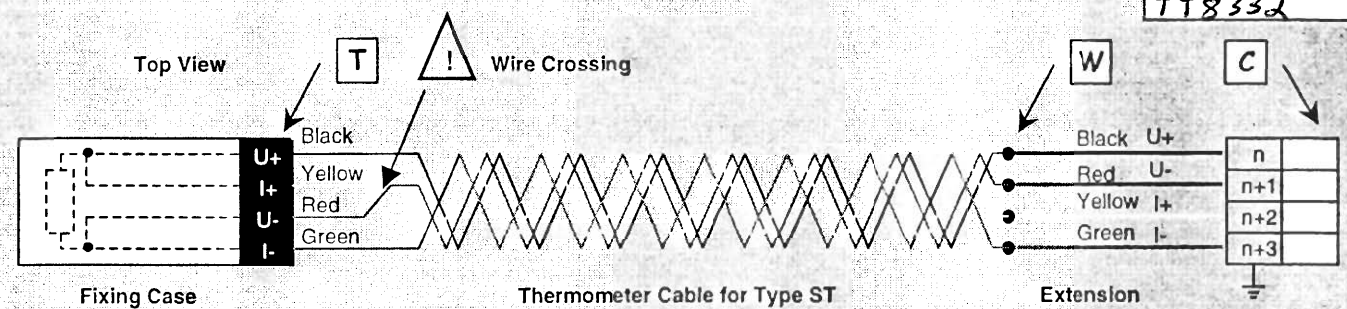
Cryogenic Thermometer Traveler COPY

DESCRIPTION

Part description:	Cryogenic thermometer	**Top Assembly Identification:**	LMQXB11
Part Identification:	HCQITESCXT-CR012580		
Serial Number:	CX_LS_X16816	**Manufactured By:**	Fermilab

CABLING

Connector Tag Name: TT8332



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	69.21	n.a	n.a	OVL	Ambient	IPN	Joly
Expedition	12-Mar-2003	T	67.507	0.1	0.1	OVL	293	CERN	Grivat
Reception	21 Jul 04	T W C	69.157				77°F	Fermi	Evans
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Cryogenic Thermometer Traveller

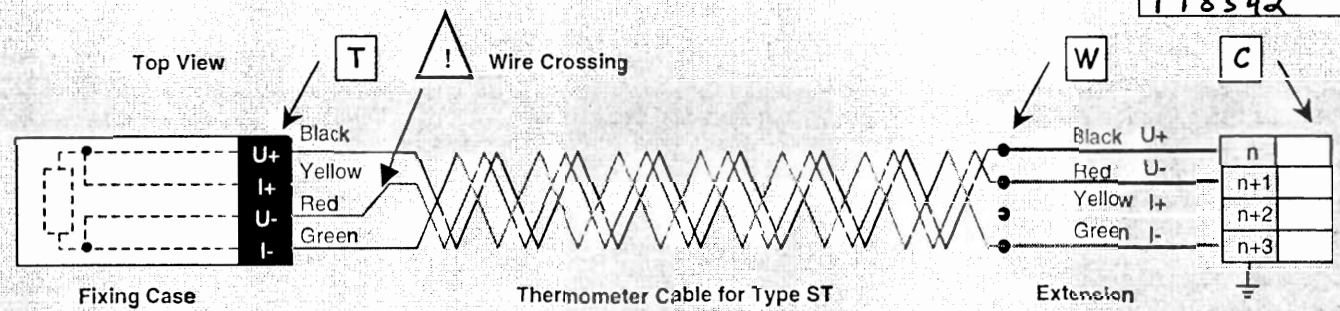
COPY

DESCRIPTION

Part description:	Cryogenic thermometer	**Top Assembly Identification:**	LMQXB.11
Part Identification:	HCQITESCXT-CR012540		
Serial Number:	CX_LS_X16807	**Manufactured By:**	Fermilab

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	*04-Feb-2002*	T	*69.3*	*n.a*	*n.a*	*OVL*	*Ambient*	*IPN*	*Joly*
Expedition	*12-Mar-2003*	T	*67.661*	*0.1*	*0.1*	*OVL*	*293*	*CERN*	*Grivat*
Reception	21 Jul 04	T W C	69.070				77°F	Fermi	Evans
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