



ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
 * GEN. NOTE: SHARP EDGES NOT ALLOWED.

REV. No	1	BRIEF RECORD	R.I. DRG CHD	DATE	17.01.16
SCALE:	N.T.S.				
TITLE:	SCHEMATIC CONNECTION DIAGRAM FOR LOCAL WTI/OTI WITH BUILT-IN RTD SCHEME WITH REMOTE INDICATOR ML 2245H-T3				
PREPARED	D#14N/R/AJ				
CHECKED					
APPROVED					
DRAWING NUMBER	6700-109/R1				
QTY/UNIT	1 No.				
PREPARED	12.08.08				
CHECKED					
APPROVED					
SUPERSEDES					



3 2 1

3 2 1

TRANSFORMER LOCAL MARSHALLING BOX KIOSK REMOTE CONTROL PANEL

REAR VIEW

CAUTION : FROM CCU TO REMOTE INDICATOR & OUTPUTS CONNECTION, USE SHIELDED (or) ARMoured 2 CORE 2.5 Sq. mm TWISTED COPPER CABLES AND NOT TO EXCEED 1 K.M. SHIELD (or) ARMOUR SHOULD BE EARTHED AT ONE END, AND SHOULD NOT RUN ALONG WITH POWER SUPPLY CABLE.

NOTE: CT CONNECTION ONLY FOR WTI

EITHER BOTTOM ENTRY OR TOP ENTRY

LOCAL OTI/WTI SENSING BULB WITH EMBEDDED PT-100 SENSOR

S.S. ARMOUR

PT-100 SENSOR

CURRENT TRANSFORMER

LOAD LINE

LOCAL OTI/WTI WITH BUILT-IN RTD SCHEME MODEL 1005H/1005AH/1007H

BELLOWS HEATER

WTI SIMULATOR

RTD HEATER

SHUNT

PT 100 SENSOR WIRE

CCU

TO ALARM, TRIP & COOLER DUTIES

FROM CCU TO REMOTE

1	2	3	4	5	6	7	8
4-20mA OUTPUT		ALARM		TRIP			
-	+	NO	COM	NC	NO	COM	NC

9	10	11	12	13	14	15	16
LOCAL OTI/WTI			EARTH		90-260V AC/DC		
+	-		E	N	L		