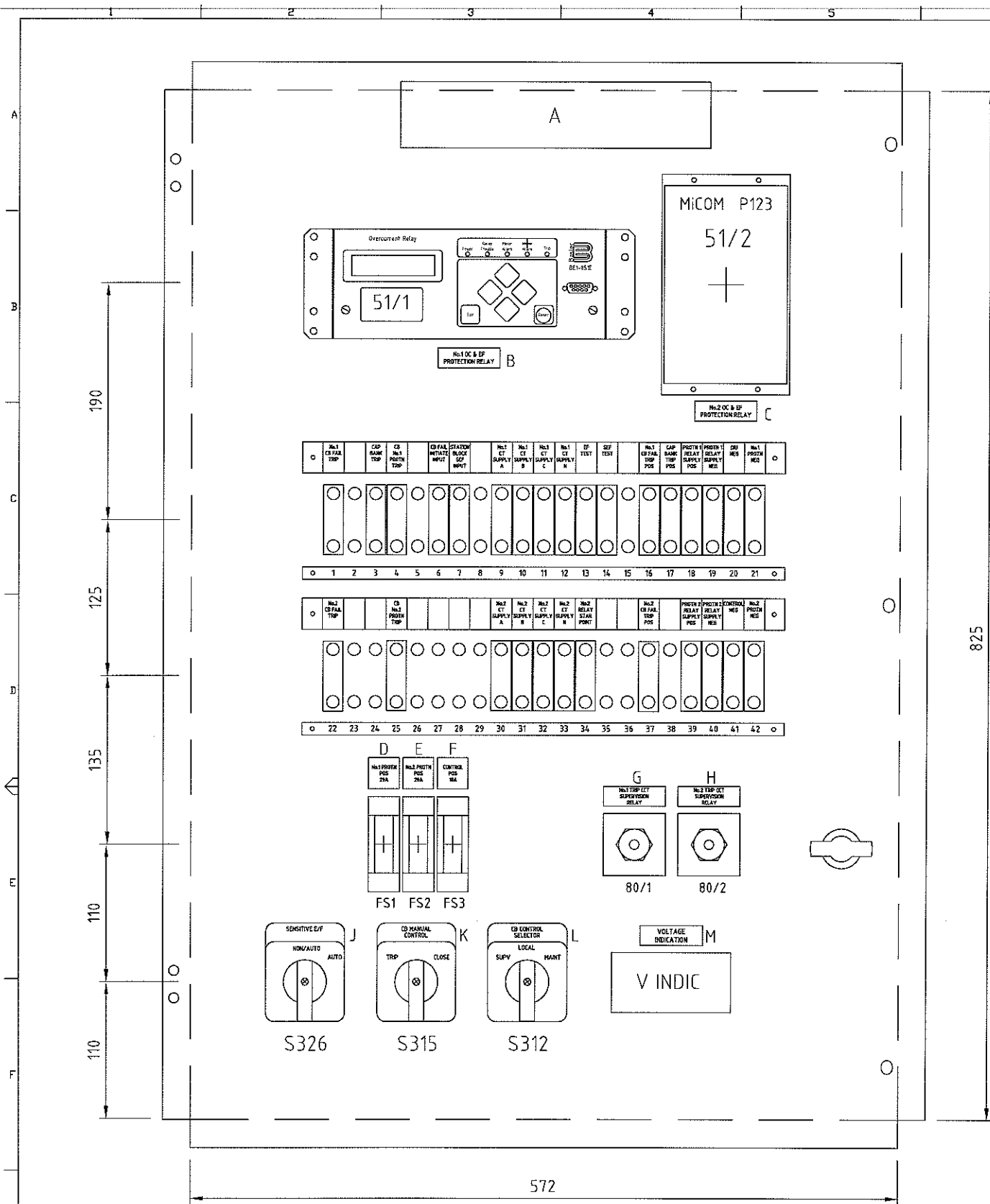


LINK LABELS:
TEXT: 2mm HEIGHT
QTY: 1 x FRONT, 1 x REAR

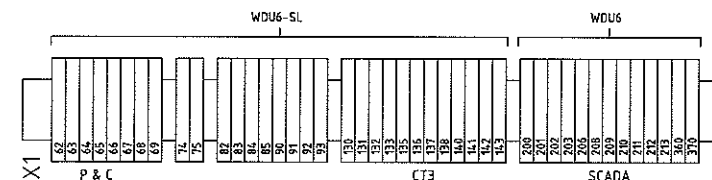
ITEM	DESCRIPTION	QTY	COMMENTS
51/1	No.1 O/C & E/F PROTN RELAY BASLER TYPE BE1-851E	1	FREE ISSUE BY EE
51/2	No.2 O/C & E/F PROTN RELAY SCHNEIDER TYPE MICOM P123	1	FREE ISSUE BY EE
9501-1,2	CONTACT ARC SUPPRESSOR SEL TYPE 9501	2	FREE ISSUE BY EE
80/1, 80/2	No.1 & No.2 TRIP SUPERVISION RELAY RMS TYPE 1X20 (125V DC)	2	
D1	TERMINAL BLOCK WITH BUILT IN DIODE - WEIDMULLER DK4D/35	1	
FS1, FS2	No.1 & No.2 PROTECTION SUPPLY FUSE, TYPE SAFECRIP	2	
FS3	CONTROL SUPPLY FUSE, TYPE SAFECRIP	1	
Q1	HEATER SUPPLY MCB DOUBLE POLES	1	
FSM/LKM	MOTOR SUPPLY FUSE/LINK, TYPE SAFECRIP	1	
4C	SUPERVISORY CLOSE RELAY IZUMI TYPE RH2B-UD, 120V DC	1	
4T1	SUPERVISORY TRIP RELAY IZUMI TYPE RH2B-UD, 120V DC	1	
4T2	MANUAL TRIP RELAY IZUMI TYPE RH2B-UD, 120V DC	1	
S312	SUPERVISORY-LOCAL-MAINTENANCE SELECTOR SWITCH TYPE K+N	1	
S315	TRIP-NEUTRAL-CLOSE CB OPERATION SWITCH TYPE K+N	1	
S326	SEF NON-AUTO-AUTO CONTROL SWITCH TYPE K+N	1	
X1	INTERFACE TERMINAL BLOCK WEIDMULLER WDU6 AND WDU6-SL	AR	SEE NOTE 7
X2	MANUFACTURE TERMINAL BLOCK WEIDMULLER WDU6 AND WDU6-SL	AR	SEE NOTE 7
X5	MANUFACTURE TERMINAL BLOCK WEIDMULLER WDU6 (HEATER WIRINGS)	AR	SEE NOTE 7
ET1,2	MANUFACTURE TERMINAL BLOCK WEIDMULLER WTL6-SL (EARTHING)	AR	

LABELS				
LABEL	SIZE (WxH)	TEXT HEIGHT	QTY	INSCRIPTION
A	250x50	10mm	1	FEEDER NAME - CB ??????
B	50x16	2.5mm	2	No.1 OC & EF - PROTECTION RELAY
C	50x16	2.5mm	2	No.2 OC & EF - PROTECTION RELAY
D	25x25	2.5mm	2	No.1 PROTN - POS
E	25x25	2.5mm	2	No.2 PROTN - POS
F	25x25	2.5mm	2	CONTROL - POS
G	50x16	2.5mm	2	No.1 TRIP CIRCUIT - SUPERVISION RELAY
H	50x16	2.5mm	2	No.2 TRIP CIRCUIT - SUPERVISION RELAY
J	50x16	2.5mm	1	SENSITIVE E/F - SWITCH
K	50x16	2.5mm	1	CB MANUAL - CONTROL SWITCH
L	50x16	2.5mm	1	CB CONTROL - SELECTOR SWITCH
M	50x16	2.5mm	2	VOLTAGE - INDICATION

NOTES:
1. ALL LABELS ARE MANUFACTURED OF GRAVOPLY BLACK WRITING WITH WHITE BACKGROUND.
2. "-" INDICATES NEW LINE
3. LABEL FOR CONTROL SWITCHES ARE REQUIRED ON REAR ONLY, THE SWITCHES' ESCUTCHEON SHOULD ALREADY BEEN ENGRAVED WITH DESCRIPTION.
4. ALL OTHER EQUIPMENT WITHIN CONTROL PANEL MUST ALSO BE IDENTIFIED WITH LABELS.
5. INTERFACE TERMINAL BLOCK TYPES & LAYOUT AS PER DRAWING 390851
6. EXPOSED EUGAQUIP TEST LINK MUST BE COVERED WITH EUGAQUIP COVERS
7. ALL TERMINALS ARE OF SPRING LOADED TYPE, EXCEPT HEATER, SPRING MOTOR AND SCADA TERMINALS ARE OF NON SPRING LOADED TYPE.

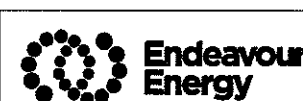
NOTES:
DENOTES SECTION NUMBER
1A - FOR SECTION 1A
1B - FOR SECTION 1B
1C - FOR SECTION 1C
2A - FOR SECTION 2A
2B - FOR SECTION 2B
3A - FOR SECTION 3A
3B - FOR SECTION 3B
3C - FOR SECTION 3C

EUGAQUIP - TEST LINKS		
LINK No.	COLOR	DESCRIPTION
LK1	RED	No.1 CB FAIL TRIP
LK2		
LK3	GREY	CAP BANK TRIP (IF REQUIRED)
LK4	GREY	CB No.1 PROTN TRIP
LK5		
LK6	GREY	CB FAIL INITIATION INPUT
LK7	GREY	STATION BLOCK SEF INPUT
LK8		
LK9	BLACK	No.1 CT SUPPLY - A
LK10	BLACK	No.1 CT SUPPLY - B
LK11	BLACK	No.1 CT SUPPLY - C
LK12	BLACK	No.1 CT SUPPLY - N
LK13	BLACK	No.1 RELAY STAR POINT
LK14		
LK15		
LK16	GREY	No.1 CB FAIL POS
LK17	GREY	CAP BANK TRIP POS
LK18	GREY	No.1 PROT RELAY SUPPLY POS
LK19	GREY	No.1 PROT RELAY SUPPLY NEG
LK20	GREY	DIU NEG
LK21	GREY	No.1 PROTN NEG
LK22	RED	No.2 CB FAIL TRIP
LK23		
LK24		
LK25	GREY	CB No.2 PROT TRIP
LK26		
LK27		
LK28		
LK29		
LK30	BLACK	No.2 CT SUPPLY - A
LK31	BLACK	No.2 CT SUPPLY - B
LK32	BLACK	No.2 CT SUPPLY - C
LK33	BLACK	No.2 CT SUPPLY - N
LK34	BLACK	No.2 RELAY STAR POINT
LK35		
LK36		
LK37	GREY	No.2 CB FAIL POS
LK38		
LK39	GREY	No.2 PROT RELAY SUPPLY POS
LK40	GREY	No.2 PROT RELAY SUPPLY NEG
LK41	GREY	CONTROL NEG
LK42	GREY	No.2 PROTN NEG



TYPICAL INTERFACE TERMINAL RAIL LAYOUT

DATE	5-12-13
CHD	L.L.I



EQUIPMENT TECHNICAL SPECIFICATION (ETS0003)
11/22KV FEEDER CB CONTROL & PROTECTION
HIGH IMPEDANCE BUSBAR PROTECTION SCHEME
TYPICAL PANEL LAYOUT AND MATERIAL LIST

CONTROL & PROTECTION CIRCUIT		390848
INTERFACE TERMINAL RAIL CONNECTION DGM		390851
REFERENCE DRAWINGS		
DO NOT SCALE DIMENSIONS IN MILLIMETRES		
MANAGER PROJECT DEVELOPMENT		
A1	390845	Rev A
SHEET No. 1 OF 1 SHEETS		