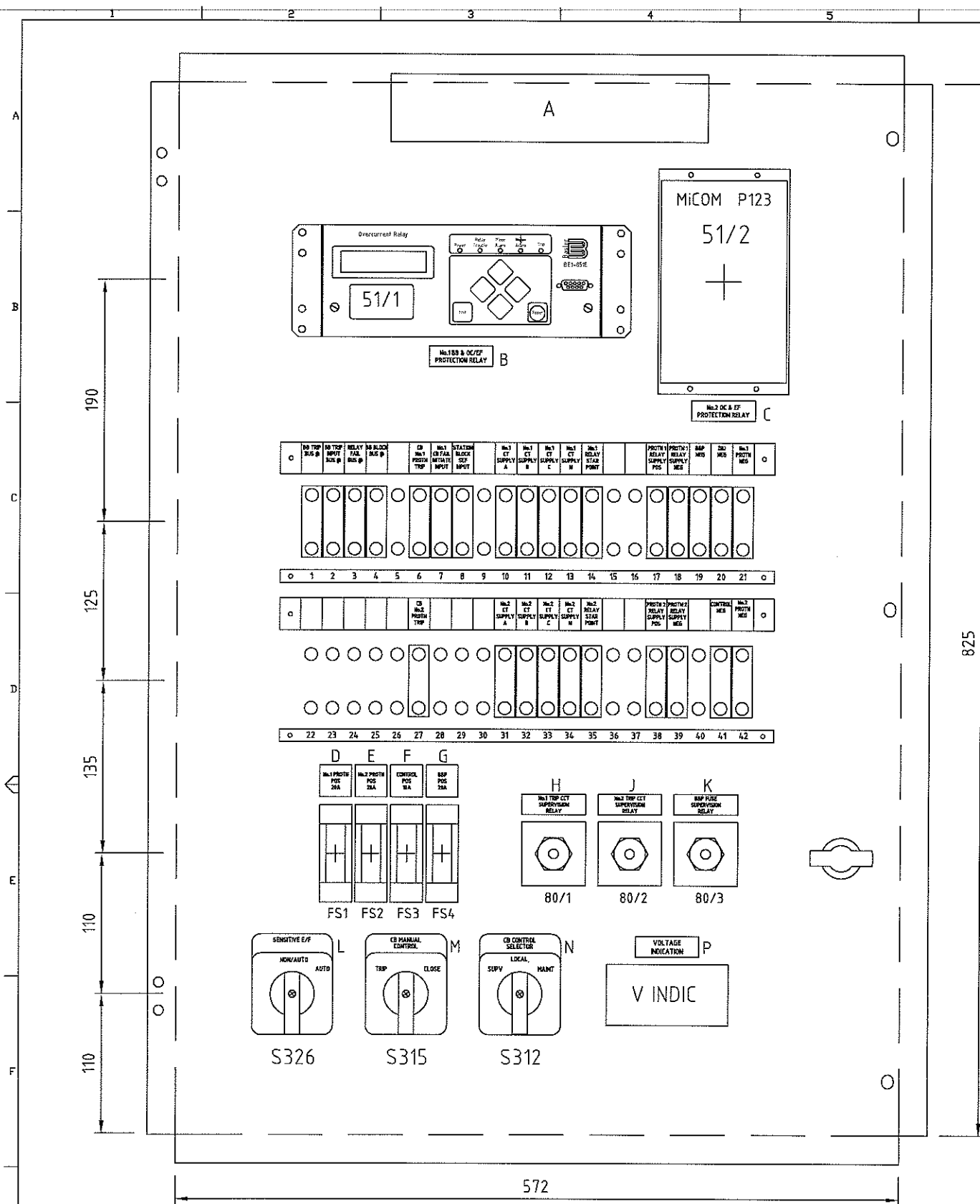




NOTES:
 @ DENOTES SECTION NUMBER
 1A - FOR SECTION 1A
 1B - FOR SECTION 1B
 2A - FOR SECTION 2A
 2B - FOR SECTION 2B
 3A - FOR SECTION 3A
 3B - FOR SECTION 3B

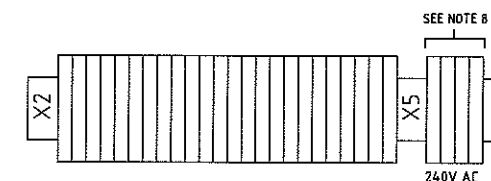
ITEM	DESCRIPTION	QTY	COMMENTS
51/1	No.1 BB & OC/EF PROT N RELAY BASLER TYPE BE1-85IE	1	FREE ISSUE BY EE
51/2	No.2 OC & E/F PROT N RELAY SCHNEIDER TYPE MICOM P123	1	FREE ISSUE BY EE
9501-1,2	CONTACT ARC SUPPRESSOR SEL TYPE 9501	2	FREE ISSUE BY EE
80/1, 80/2	No.1 & No.2 TRIP SUPERVISION RELAY RMS TYPE 1X20 (125V DC)	2	
80/3	BBP FUSE SUPERVISION RELAY RMS TYPE 1X20 (125V DC)	1	
D1	TERMINAL BLOCK WITH BUILT IN DIODE - WEIDMULLER DK4D/35	1	
FS1, FS2	No.1 & No.2 PROTECTION SUPPLY FUSE, TYPE SAFECLIP	2	
FS3	CONTROL SUPPLY, TYPE SAFECLIP	1	
FS4	BBP SUPPLY, TYPE SAFECLIP	1	
Q1	HEATER SUPPLY MCB DOUBLE POLES	1	
FSM/LKM	MOTOR SUPPLY FUSE/LINK, TYPE SAFECLIP	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 (AC SUPPLY)	4	

LABELS				
LABEL	SIZE (WxH)	TEXT HEIGHT	QTY	INSCRIPTION
A	250x50	10mm	1	FEEDER NAME - CB 777777
B	50x16	2.5mm	2	No.1 BB & OC/EF - PROTECTION RELAY
C	50x16	2.5mm	2	No.2 OC & EF - PROTECTION RELAY
D	25x25	2.5mm	2	No.1 PROT N - POS - 20A
E	25x25	2.5mm	2	No.2 PROT N - POS - 20A
F	25x25	2.5mm	2	CONTROL - POS - 10A
G	25x25	2.5mm	2	BBP - POS - 20A
H	50x16	2.5mm	2	No.1 TRIP CIRCUIT - SUPERVISION RELAY
J	50x16	2.5mm	2	No.2 TRIP CIRCUIT - SUPERVISION RELAY
K	50x16	2.5mm	2	BBP FUSE - SUPERVISION RELAY
L	50x16	2.5mm	1	SENSITIVE E/F - SWITCH
M	50x16	2.5mm	1	CB MANUAL - CONTROL SWITCH
N	50x16	2.5mm	1	CB CONTROL - SELECTOR SWITCH
P	50x16	2.5mm	2	VOLTAGE - INDICATION

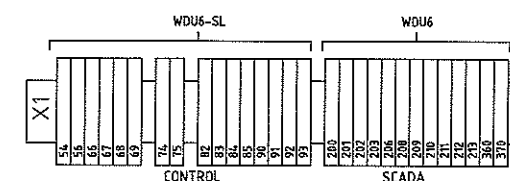
NOTES:
 1. ALL LABELS ARE MANUFACTURED OF GRAVOPLLY BLACK WRITING WITH WHITE BACKGROUND.
 2. "-" INDICATES NEW LINE
 3. LABEL FOR CONTROL SWITCHES ARE REQUIRED ON REAR ONLY, THE SWITCHES ESCUTCHEON SHOULD ALREADY BEEN ENGRAVED WITH DESCRIPTION.
 4. ALL OTHER EQUIPMENT WITHIN CONTROL PANEL MUST ALSO BE 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.
 8. 240V AC SUPPLY MUST BE COVERED SO THAT THERE IS NO EXPOSED TERMINALS.

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

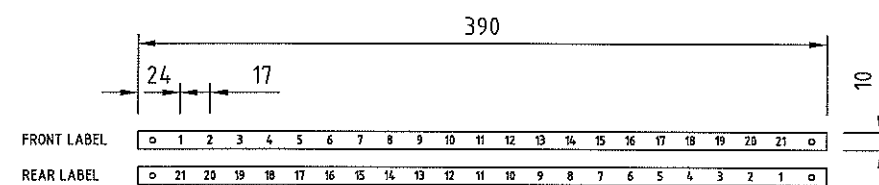
LABEL SIZE 25H x 16W WITH 2mm TEXT HEIGHT.
 2 LABELS PER LINK REQUIRED.



TYPICAL MANUFACTURE TERMINAL RAIL LAYOUT



TYPICAL INTERFACE TERMINAL RAIL LAYOUT - SEE DRAWING 390851



LINK LABELS:
 TEXT: 2mm HEIGHT
 QTY: 1 x FRONT, 1 x REAR
 SAME LABELS FOR LINKS 22-42

AMENDMENTS
 ORIGINAL
 ISSUE

APPROVED	DATE	CHKD
11-5-12	LLI	



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

CONTROL & PROTECTION CIRCUIT	390842
INTERFACE TERMINAL RAIL CONNECTION DGM	390851
DO NOT SCALE	
MANAGER PROJECT DEVELOPMENT	390839
SHEET No. 1 OF 1 SHEETS	