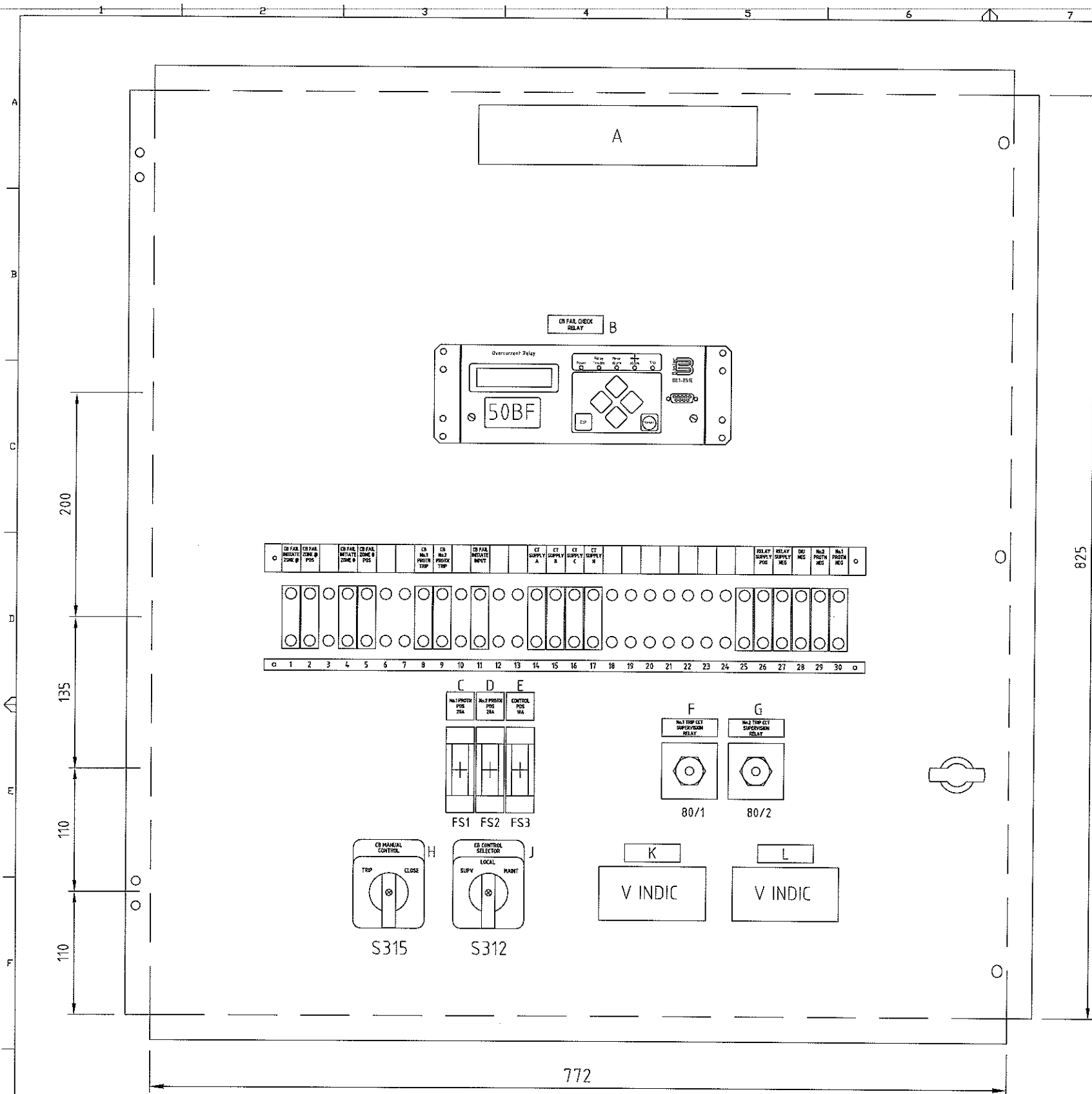


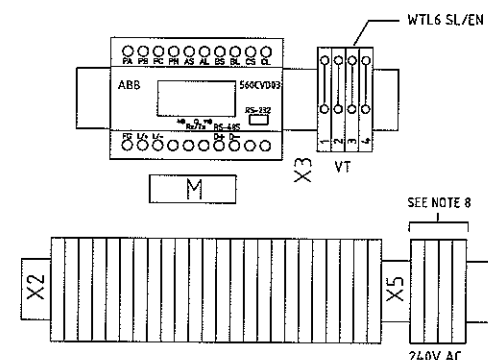
LINK LABELS:
TEXT: 2mm HEIGHT
QTY: 1x FRONT, 1x REAR

ITEM	DESCRIPTION	QTY	COMMENTS
67	CB FAIL CHECK PROTECTION RELAY BASLER BE1-851E	1	FREE ISSUE BY EE
CVD	CT & VT MULTIMETER ABB 560CVD03 WITH LCD	1	
80/1, 80/2	No.1 & No.2 TRIP SUPERVISION RELAY RMS TYPE 1X20 (125V DC)	2	
FS1, FS2	No.1 & No.2 PROTECTION SUPPLY FUSE, TYPE SAFECLIP	2	
FS3	CONTROL 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	
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
X3	MANUFACTURE TB WEIDMULLER WTL6 SL WITH TEST PLUG STB 36.8/H/GE WTL6/1	4	
ET1	MANUFACTURE TERMINAL BLOCK WEIDMULLER WTL6-SL (EARTHING)	1	

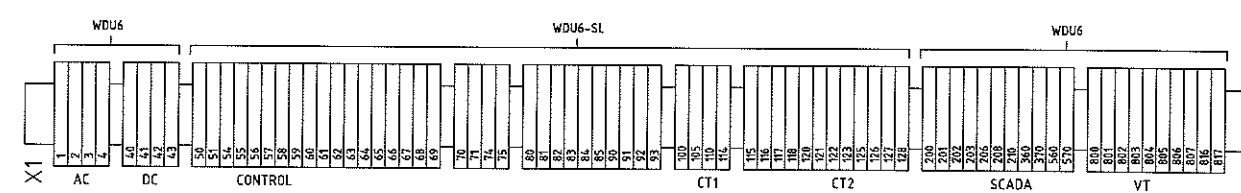
LABELS				
LABEL	SIZE (WxH)	TEXT HEIGHT	QTY	INSCRIPTION
A	250x50	10mm	1	11KV BUS SECTION 1-2 (2-3) - CB ??????
B	50x16	2.5mm	1	CB FAIL CHECK - PROTECTION RELAY
C	25x25	2.5mm	2	No.1 PROTN - POS - 20A
D	25x25	2.5mm	2	No.2 PROTN - POS - 20A
E	25x25	2.5mm	2	CONTROL - POS - 10A
F	50x16	2.5mm	2	No.1 TRIP CIRCUIT - SUPERVISION RELAY
G	50x16	2.5mm	2	No.2 TRIP CIRCUIT - SUPERVISION RELAY
H	50x16	2.5mm	1	CB MANUAL - CONTROL SWITCH
J	50x16	2.5mm	2	CB CONTROL - SELECTOR SWITCH
K	50x16	2.5mm	2	VOLTAGE - INDICATION - LH BUS
L	50x16	2.5mm	2	VOLTAGE - INDICATION - RH BUS
M	35x16	2.5mm	1	CVD - CT & VT MULTIMETER

NOTES:
1. ALL LABELS ARE MANUFACTURED OF GRAVOPLI 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.

PANEL	#	QTY
BUS SECTION 1-2	1	2
BUS SECTION 2-3	2	3



TYPICAL MANUFACTURE TERMINAL RAIL LAYOUT



TYPICAL INTERFACE TERMINAL RAIL LAYOUT

EQUAQUIP - TEST LINKS		
LINK No.	COLOR	DESCRIPTION
LK1	RED	CB FAIL - INITIATE - ZONE @
LK2	GREY	CB FAIL - ZONE @ - POS
LK3		
LK4	RED	CB FAIL - INITIATE - ZONE #
LK5	GREY	CB FAIL - ZONE # - POS
LK6		
LK7		
LK8	GREY	CB No.1 PROT TRIP
LK9	GREY	CB No.2 PROT TRIP
LK10		
LK11	GREY	CB FAIL INITIATE INPUT
LK12		
LK13		
LK14	BLACK	CT SUPPLY - A
LK15	BLACK	CT SUPPLY - B
LK16	BLACK	CT SUPPLY - C
LK17	BLACK	CT SUPPLY - N
LK18		
LK19		
LK20		
LK21		
LK22		
LK23		
LK24		
LK25	GREY	PROT RELAY SUPPLY POS
LK26	GREY	PROT RELAY SUPPLY NEG
LK27	GREY	DIU NEG
LK28	GREY	CONTROL NEG
LK29	GREY	No.2 PROTN NEG
LK30	GREY	No.1 PROTN NEG

AMENDMENTS
ORIGINAL
ISSUE
A

APPROVED	DATE	BY	CHK'D
5-12-13	L.Li		



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

CONTROL & PROTECTION CIRCUIT		390850
INTERFACE TERMINAL RAIL CONNECTION DGM		390851
REFERENCE DRAWINGS		
DO NOT SCALE DIMENSIONS IN MILLIMETRES		
MANAGER PROJECT DEVELOPMENT		
A1	390847	A
SHEET No 1 OF 1 SHEETS		