



X15 ORANGE

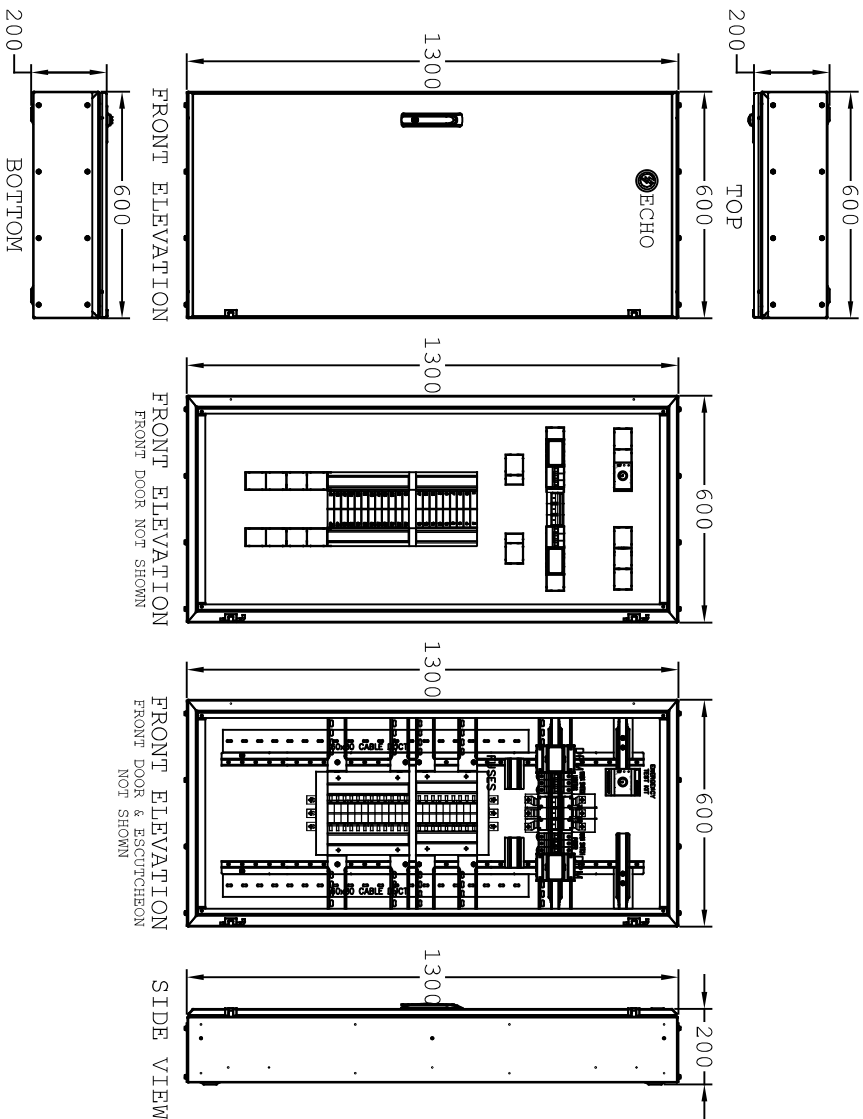
METAL WORK
WALL MOUNTED
FRONT CONNECTED

PAINT
EXTERNAL - RIPPLE X15 ORANGE
INTERNAL - RIPPLE X15 ORANGE

DISTRIBUTION BOARD BUILT TO AS/NZS 61439.1:2016 AND
AS/NZS 61439.2:2016 (LOW VOLTAGE ASSEMBLIES)
(AS/NZS 3000:2018 AUSTRALIA WIRING RULES)
(AS/NZS 3008.1.1:2017 CABLE SELECTION GUIDE)

SEGREGATION - FORM 2B1
RATED - 415V 50Hz
FAULT LEVEL - 10kA
DEGREE PROTECTION - IP42

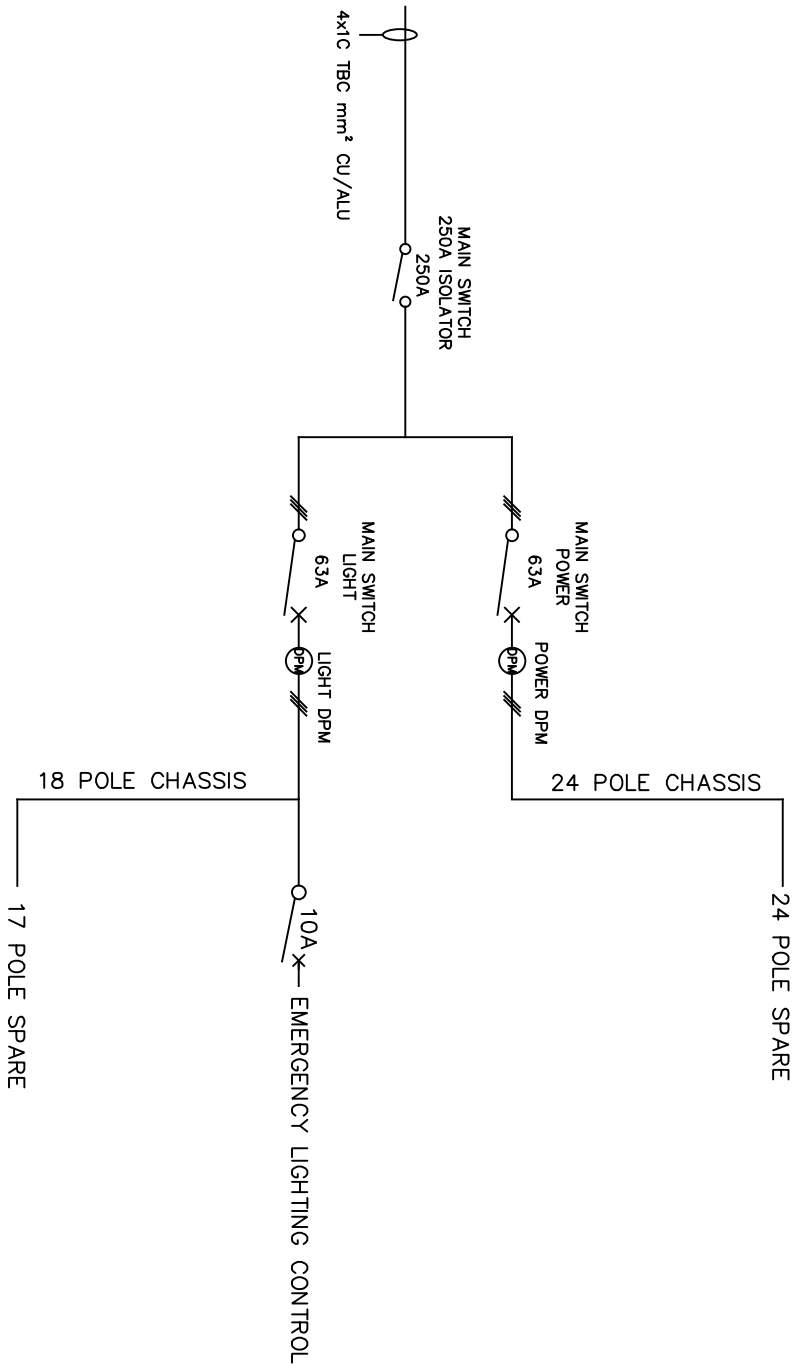
LABELS
TRAFFOLYTE AS PER DRAWING DETAILS & NOTES
STANDARD IP RATED BOARD LABELS ARE DOUBLE SIDED TAPE FIX
CONSTRUCTED FROM - 1.9mm GALVANIZED SHEET



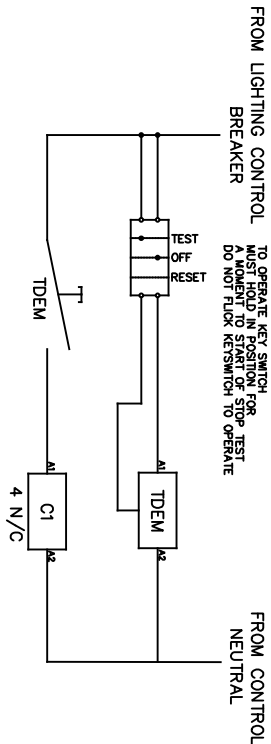
FRONT ELEVATION

EQUIPMENT LIST				
ITEM	DESCRIPTION	PART NUMBER	SUPPLIER	QTY
1	Bridex Switch Disconnecter 250A C/W Terminal Shrouds	R-13-250	TRO	1
2	100A Direct Measurement, Pulse Out, Modbus RTU	EM122-RTU-2P (7760051003)	TRO	2
3	10A 1P 6kA MCB	LG-BK46110-C	TRO	1
4	63A 3P 6kA MCB	LG-BK46363-C	TRO	2
5	250A 18P 18mm CHASSIS	NY-BECR250-18-V2	LS-SUSOL	1
6	250A 24P 18mm CHASSIS	NY-BECR250-24-V2	LS-SUSOL	1
7	EMERGENCY TEST KIT STD 4 POLE	T-ELTUEUX	TOBINS	1

TYPICAL: DB-ECHO-18/24-DM



SINGLE LINE DIAGRAM



EMERGENCY LIGHTING CONTROL
WIRING SCHEMATIC

CONSTRUCTION NOTE	
SWITCHGEAR	
POWDER COATED	
PLINTH	
SUPPLY RATING	
CABINET	
WIRED	
TEMPORARY OR PERMANENT	
CUSTOMER APPROVAL	
DRAWN BY	

ELECTRICAL CONTRACTOR:

REVISION	DESCRIPTION	DATE

ECHO BOARDS AND PRODUCTS PTY LTD

33-35 PAVESI STREET, SMITHFIELD NSW 2164

Ph: (02) 9791 0563 Email: engineering@echoboards.net.au

DB-ECHO-18/24-DM
LAYOUT AND SLD

SCALE		DRAWING #
DRAWN	1:10	Exxx
CHECKED		



Boards and Products





X15 ORANGE

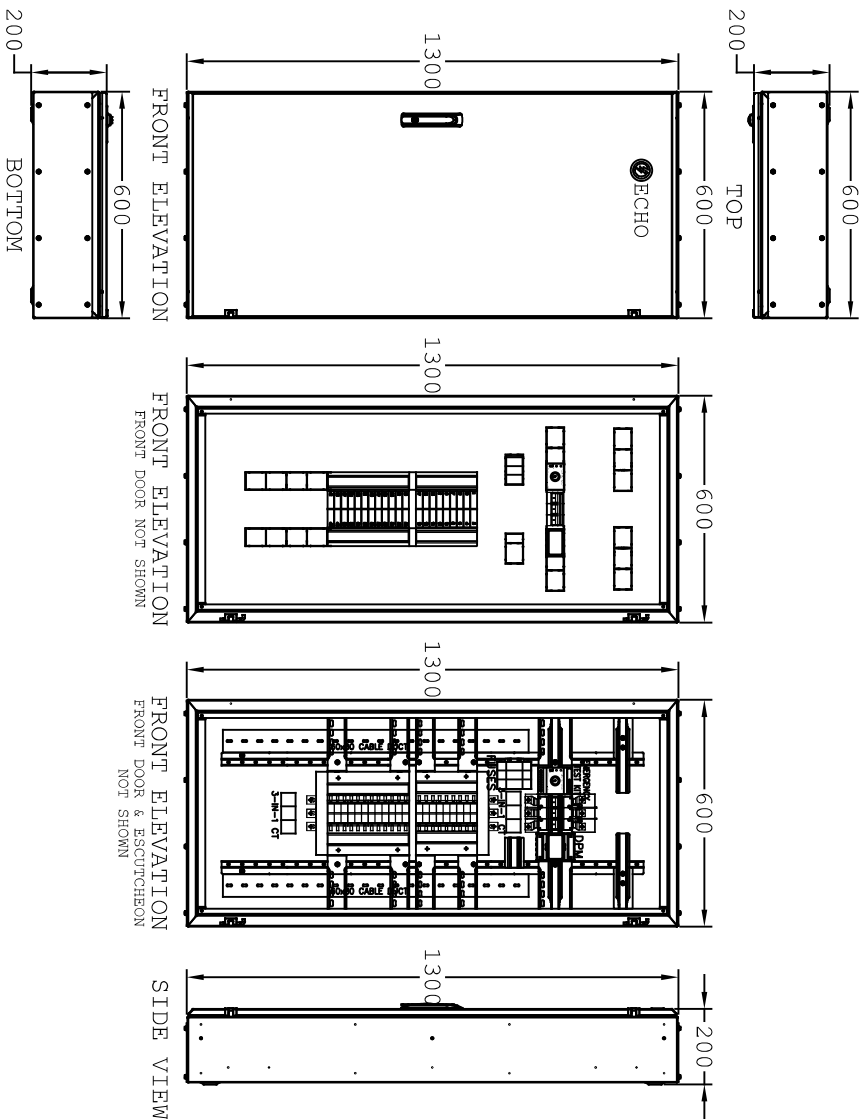
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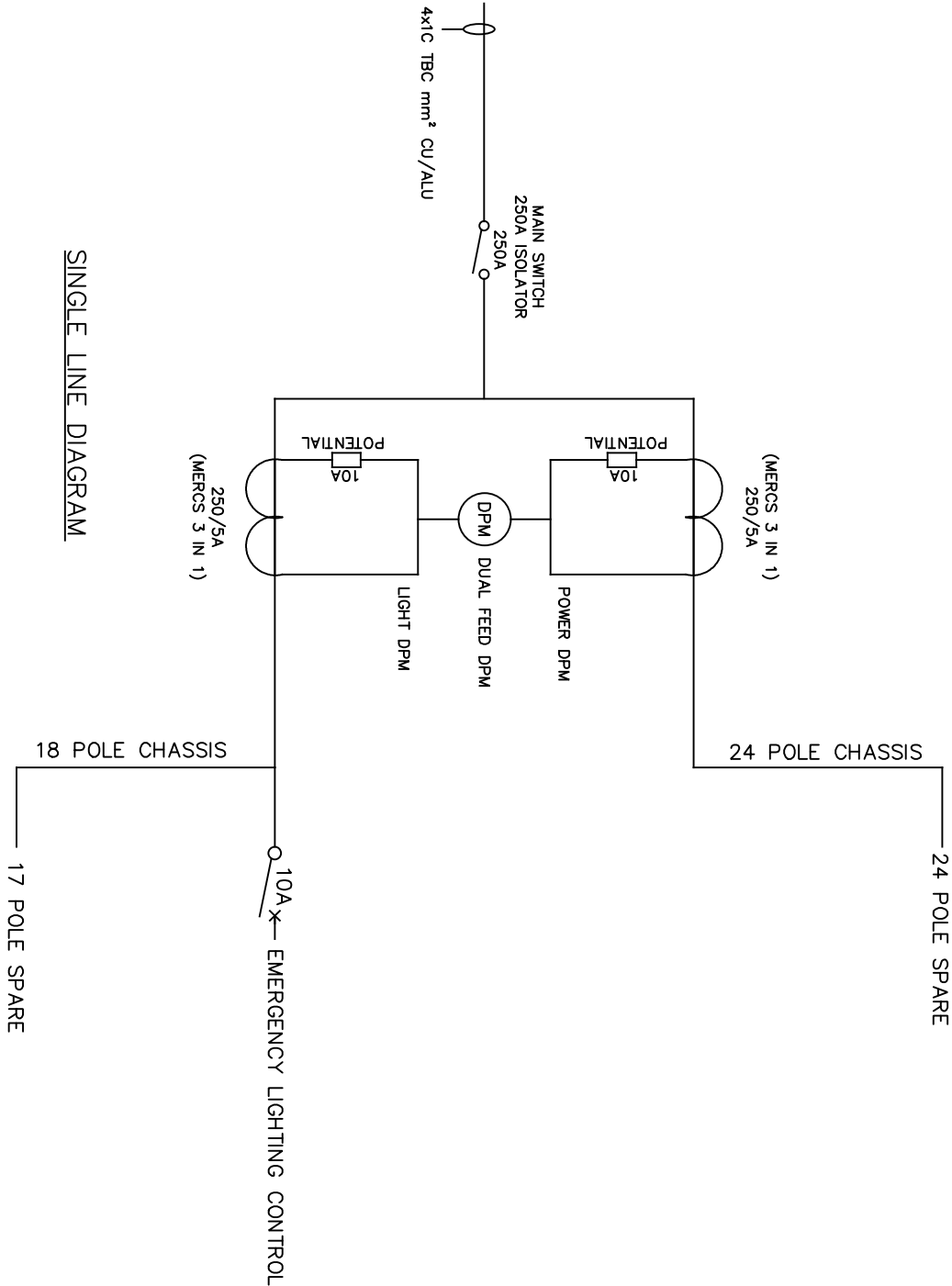
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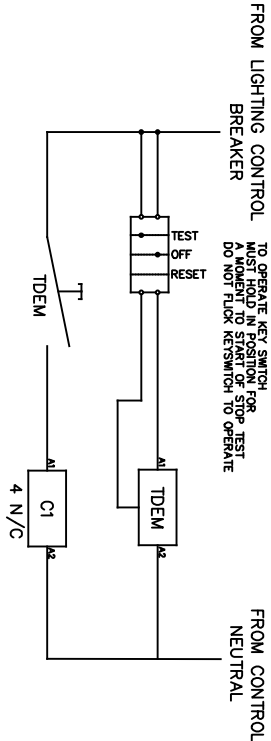
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EQUIPMENT LIST				
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1	Bridex Switch Disconnecter 250A C/W Terminal Shrouds	R-13-250	TRO	1
2	Strider M4 RJ12 Dual (2) channel Connection DIN Mount Multi-Function Energy Meter CT operated Dual 3P4W/3P3W/1P2W, RS485 Modbus Class 0.5s	ME-PM-M4RJ-2C-V2	MERCS	1
3	Current Transformer RJ12 - 3 in 1 Metering - 25mm opening - 35mm Centre - 250A 100mA C/W 1Meter RJ12 lead	ME-CTRJ-3-35-2501-V2	MERCS	1
4	10A 1P 6kA MCB	LG-BKJ6110-C	TRO	1
5	250A 18P 18mm CHASSIS	NY-BEQR250-18-V2	LS-SUSOL	1
6	250A 24P 18mm CHASSIS	NY-BEQR250-24-V2	LS-SUSOL	1
7	EMERGENCY TEST KIT STD 4 POLE	T-ELTUELX	TOBINS	1
8	10A FUSE	NS10	IPD	3
9	10A FUSE FITTING	SC32H	IPD	3

TYPICAL: DB-ECHO-18/24-CT



SINGLE LINE DIAGRAM



EMERGENCY LIGHTING CONTROL WIRING SCHEMATIC

CONSTRUCTION NOTE	
SWITCHGEAR	
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LAYOUT AND SLD

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DRAWN	
CHECKED	
	1:10
	Exxx



Boards and Products