



Schematic line diagram notes:

Distribution Board Name	MDB 9	Colour UPS Section	N/A
Cabletracing	Yes	Colour Door	White
Equipment Spare Space	25%	Material and Thickness	1.2mm Mild Steel
Unassigned Space	25%	Maximum Dimensions (WxHxD)	(WxHxD)
Form Factor	IP Level Doors Closed	IP Level Doors Closed	3P
Form	Labels	Labels	TriPoly
Switchgear Manufacturer	To be Manufactured	Panel Manufacturer	Panel Manufacturer
Switchgear Standards	SABS IEC60947-1, IEC 60947	Shop Drawings Required	Yes
Panel Standards	SANS 1013 SANS 61439	Spare Ways For EMS	Spare Ways For EMS
Distribution of Phases	By Controller	Cable Entry	Top and Bottom Entry
Colour Normal Section	White		
Colour Warning Section	N/A		

SYMBOLS FOR LINE DIAGRAMS

SWITCH CONTROL SYMBOL	LINE SWITCH
CIRCUIT BREAKER	AMMETER
ISOLATOR	VOLTMETER
SWIRLS SWITCH LOCATED ABOVE DB MUST BE A SWITCH NOT A CIRCUIT BREAKER	MOTOR
LIGHT SWITCH INSTALLED AS SHOWN ON RELEVANT LIGHTING LAYOUT DRAWING	BUILDING MANAGEMENT SYSTEM
BMS POTENTIAL FREE RELAY CONTACT CONTROLLER BY BMS (W/DRIVE)	OPERATOR

SYMBOLS FOR LINE DIAGRAMS

FUSE DISCONNECTOR	EMERGENCY STOP
CONTACTOR OR RELAY	REMOTE OCCUPANCY SENSOR
WITHDRAWABLE CIRCUIT BREAKER	BUS COUPLER
WITHDRAWABLE CIRCUIT BREAKER	DAY-NIGHT SWITCH
EARTH LEAKAGE	DIAL CONTROLLER FOR LIGHTING
EARTH LEAKAGE RELAY WITH OVERLOAD PROTECTION	MODBUS TO TORQUE GATEWAY FOR BMS COMMUNICATION
OPERATING DEVICE (LPS)	

<p>WITS BUILDING 9 ROOM 103 MDB 9 Elec. DB layout</p>	
<p>PROJECT NO: P181-TD-100</p>	<p>DATE: 02</p>