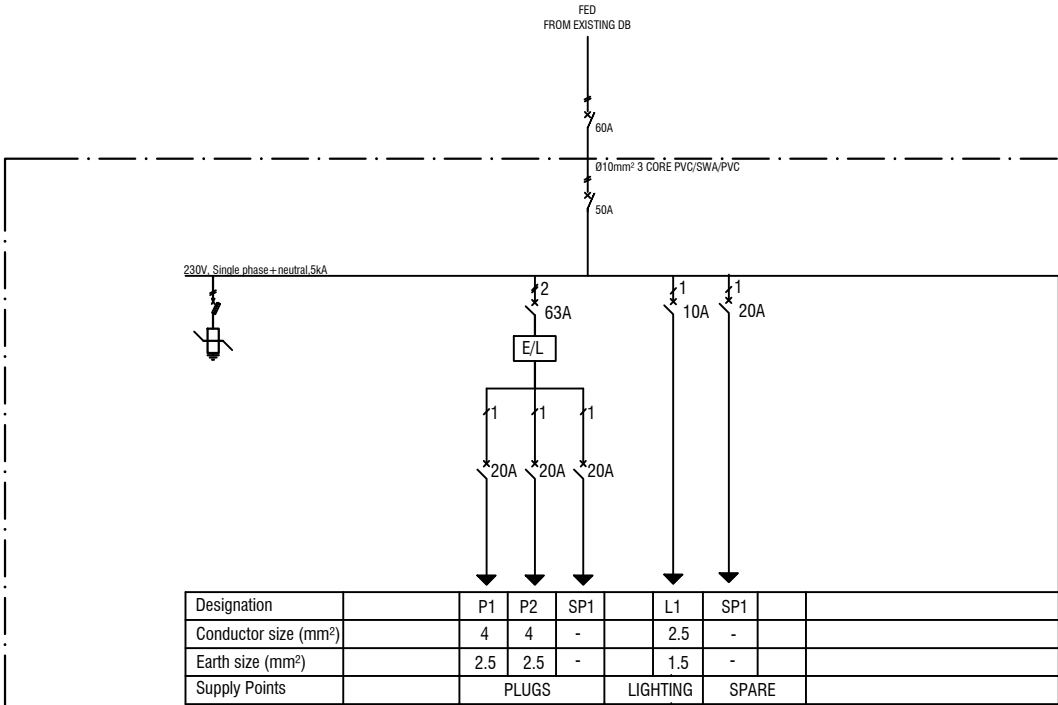


Distribution Board (DB-VT/G)



TYPE	IP44 WALL MOUNTED
DOORS	YES
LOCKABLE	YES
EXTERNAL COLOUR	ORANGE
CABLE/CONDUIT ENTRY	TOP AND BOTTOM
FAULT LEVEL	5kA

LEGEND

SYMBOL	DESCRIPTION
	CIRCUIT BREAKER
	ISOLATOR
	EARTH LEAKAGE WITH OVERLOAD
	FUSE BREAKER
	SINGLE POLE CIRCUIT BREAKER
	DOUBLE POLE CIRCUIT BREAKER
	THREE POLE CIRCUIT BREAKER
	SINGLE POLE ISOLATOR
	SURGE ARRESTER
	DAYLIGHT SWITCH

ELECTRICAL NOTES

- SURGE ARRESTORS CONNECTED TO EARTHBAR BY MINIMUM MEANS OF 16mm (EARTH CONDUCTORS.)
- THE BOARD TO BE BONDED TO LIGHTNING PROTECTION SYSTEM
- COLOUR TO COVER PLATES TO BOARD - LIGHT ORANGE, ESSENTIAL - SIGNAL RED, UPS - DARK VIOLET.
- ALLOW FOR 30% SPARE SPACE.
- ALL AC CIRCUIT BREAKER TO BE D - CURVE UNLESS OTHERWISE STATED.
- THE CONTRACTOR SHALL CONFIRM THE AVAILABLE SPACE ON SITE, SO AS TO DETERMINE THE MOST PRACTICAL DIMENSIONS FOR NEW DISTRIBUTION BOARD CONFIGURATION.



CHECKED BY CONSULTANT:

NAME: JE Nkosi Pr. Eng. No 2022301205...

 14/11/2024
SIGNATURE DATE

SIGNATURE BY CLIENT DEPARTMENT

NAME: Pr. Eng. No.

SIGNATURE DATE

CLIENT DRAWING DESCRIPTION:

PROJECT NO:	SYDP2401
DRAWING NO:	SYD2401-EL-403-001-A
DATE:	14.11.2024

PROJECT:

MULTI-DISCIPLINARY
PROFESSIONAL CONSULTANT
TEAM FOR RENOVATION OF
TRANSPORT AND CONCRETE
LABS AT R BLOCK

CLIENT DRAWING DESCRIPTION:

DATE:	REVISION DESCRIPTION:	REV:	REFERENCE DRAWINGS:		INITIALS:	REV. ISSUED:	DATE:	DISCIPLINE:	SECTION:	GROUND FLOOR	DB SCHEMATIC	
14.11.2024	SYDP2016-EL-401-001	B	SYDP2401-EL-401-001-A LIGHTING LAYOUT	DESIGNED BY:	E.N	B	14.11.2024	ELECTRICAL ENGINEERING • D=DRAFT • C=CONSTRUCTION • T=TENDER • A=AS BUILT	LOCATION:	VUT CAMPUS		
			SYDP2401-EL-402-001-A SMALL POWER	DRAWN BY:	K.J	B	14.11.2024		PROJECT NO:		PAGE	SHEET SIZE
				CHECKED BY:	E.N	B	14.11.2024		SYDP2401		1 OF 1	A3
				CLIENT APPROVAL:	-	B	14.11.2024					