



NOTE:		
1. RATING WILL BE BASED ON UTILITY POWER INPUT.		
BILL OF MATERIAL		
SL.NO	DESCRIPTION	QUANTITY
1	MEDIUM VOLTAGE SWITCHGEAR 12KV, 20KA/3S	1NO.
2	OIL-IMMERSED TRANSFORMER, GROUND MOUNTED 1600KVA, 12KV/400V	1NO.
3	CIRCUIT BREAKER (ACB) EASYPACT MVS AIR CIRCUIT BREAKER MVS20N, ET60, 2500A	1NO.
4	CIRCUIT BREAKER (ACB) EASYPACT MVS AIR CIRCUIT BREAKER MVS10C, ET60, 1000A	1NO.
5	CIRCUIT BREAKER (ACB) EASYPACT MVS AIR CIRCUIT BREAKER MVS08C, ET60, 800A	2NOs.
6	CIRCUIT BREAKER (MCCB) EASYPACT CVS MOLDED CASE CIRCUIT BREAKER WITH VIGI MODULE FOR EARTH-LEAKAGE PROTECTION CVS400N,400A	1NO.
7	CIRCUIT BREAKER (MCCB) EASYPACT CVS MOLDED CASE CIRCUIT BREAKER WITH VIGI MODULE FOR EARTH-LEAKAGE PROTECTION CVS160N,160A	2NOs.
8	CIRCUIT BREAKER (MCCB) EASYPACT CVS MOLDED CASE CIRCUIT BREAKER WITH VIGI MODULE FOR EARTH-LEAKAGE PROTECTION CVS160F,160A	2NOs.
9	CIRCUIT BREAKER (MCCB) EASYPACT CVS MOLDED CASE CIRCUIT BREAKER WITH VIGI MODULE FOR EARTH-LEAKAGE PROTECTION CVS160N,125A	1NO.
10	CIRCUIT BREAKER (MCCB) EASYPACT CVS MOLDED CASE CIRCUIT BREAKER CVS100N,100A	8NOs.
11	CIRCUIT BREAKER (MCCB) EASYPACT CVS MOLDED CASE CIRCUIT BREAKER CVS100F,80A	2NOs.
12	CIRCUIT BREAKER (MCCB) EASYPACT CVS MOLDED CASE CIRCUIT BREAKER CVS100F,63A	1NO.
13	CIRCUIT BREAKER (MCCB) EASYPACT CVS MOLDED CASE CIRCUIT BREAKER CVS100F,32A	2NOs.
14	CIRCUIT BREAKER (MCCB) EASYPACT CVS MOLDED CASE CIRCUIT BREAKER CVS100F,25A	1NO.
15	CIRCUIT BREAKER (MCCB) EASYPACT CVS MOLDED CASE CIRCUIT BREAKER CVS100F,16A	1NO.
16	AUTOMATIC CONTROLLER - BA	1NO.
17	EASY UPS UNINTERRUPTIBLE POWER SUPPLY 3S 20 KVA	1NO.
18	EASYLOGIC PFC CAPACITOR BANK 400KVAR	1NO.
19	EASYLOGIC PM1000H/2000 SERIES	7NOs.
20	PANEL SERVER	2NOs.
21	EASYCOM	2NOs.
22	PowerLogic P1 RELAY	1NO.

LEGEND	
SYMBOL	DESCRIPTION
	CIRCUIT BREAKER
	SWITCH DISCONNECTOR/EARTHING DISCONNECTOR
	GENERATOR
	OPERATED BY MOTOR
	AUTOMATIC CONTROLLER - BA
	CAPACITOR BANK
	EARTH
	PROPAGATION IN 1 DIRECTION
	LOCALIZATION
	POWER TRANSFORMER
	DELTA 3 PHASES WINDING
	STAR 3 PHASES WINDING
	CURRENT TRANSFORMER
	DISTRIBUTION BOARD
	CROSS REFERENCE
	CABLE
	3 CONDUCTORS WITH PROTECTIVE CONDUCTOR
	3 CONDUCTORS WITH NEUTRAL AND PROTECTIVE CONDUCTOR

DESCRIPTION COMMUNICATION CONNECTION	
	ETHERNET TECHNICAL LAN CONNECTION
	MODBUS CONNECTION
	HARDWIRED CONNECTION
	WIRELESS (ZIGBEE) CONNECTION
TH110	WIRELESS THERMAL SENSOR
CL110	WIRELESS THERMAL AND HUMIDITY SENSOR

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Rev	Date	Modification
02	21-03-2024	Revised issue
01	12-03-2023	Revised issue
00	12-10-2021	First issue

SHOPPING MALL
EASY REFERENCE ARCHITECTURE



SHOPPING MALL	02
ESXPERA009EN	Rev Sheet
02	001/002



NOTE: Contactor up sizing is recommended for frequent startup / heavy DOL starting requirements. For such requirements, kindly connect with Schneider Electric representatives

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02	11-05-2024	Revised issue					
01	11-03-2023	Revised issue					
00	12-10-2021	First issue					
Rev	Date	Modification					