

PP-7C TO PP-25C (TYPICAL)

VOLTAGE: 400/230V, 3 ϕ , 4W+GROUND AND NEUTRAL BUSBAR

MAINS: 3P, 225A LUGS ONLY

FEEDER: 3-100 mm² THHN + 2-100 mm² + 1-22 mm² THHN IN 65mm ϕ IMC PIPE

MOUNTING: SURFACE MOUNTED

KAIC RATING: 35 KAIC

LOCATION: 7TH-25TH FLR EE ROOM

CKT NO.	CB POLE	CB TRIP	LOAD DESCRIPTION	KVA	AMPERE LOAD			WIRES AND CABLES
					ϕ AN	ϕ BN	ϕ CN	
1	3	125	ACCU-5	43.94	14.65	14.65	14.65	4-38mm ² THHN+1-14mm ² THHN IN 40mm ϕ IMC
2	3	125	2xFCU-5 + 4x FCU-6 +6x FCU-7	1.05		1.05		4-38mm ² THHN+1-14mm ² THHN] IN 40mm ϕ IMC
			PROVISION FOR LIGHTS&CO'S(7LP-LC)	34.46	11.49	11.49	11.49	
3	3	50	SPARE	7.50	2.50	2.50	2.50	
TOTAL				86.95	28.64	29.69	28.64	

DEMAND FACTOR: 1.00
DEMAND KVA: 86.95
DEMAND AMPS: 125.51

PP-7D TO PP-25D (TYPICAL)

VOLTAGE: 400/230V, 3 ϕ , 4W+GROUND AND NEUTRAL BUSBAR

MAINS: 3P, 225A LUGS ONLY

FEEDER: 3-100 mm² THHN + 2-100 mm² + 1-22 mm² THHN IN 65mm ϕ IMC PIPE

MOUNTING: SURFACE MOUNTED

KAIC RATING: 35 KAIC

LOCATION: 7TH-25TH FLR EE ROOM

CKT NO.	CB POLE	CB TRIP	LOAD DESCRIPTION	KVA	AMPERE LOAD			WIRES AND CABLES
					ϕ AN	ϕ BN	ϕ CN	
1	3	125	ACCU-5	43.94	14.65	14.65	14.65	4-38mm ² THHN+1-14mm ² THHN IN 40mm ϕ IMC
2	3	125	2xFCU-5 + 4x FCU-6 +6x FCU-7	1.05			1.05	4-38mm ² THHN+1-14mm ² THHN] IN 40mm ϕ IMC
			PROVISION FOR LIGHTS&CO'S(7LP-LD)	33.28	11.10	11.10	11.10	
3	3	50	SPARE	7.50	2.50	2.50	2.50	
TOTAL				85.77	28.25	28.25	29.30	

DEMAND FACTOR: 1.00
DEMAND KVA: 85.77
DEMAND AMPS: 123.80

PP-7A TO PP-25A (TYPICAL)

VOLTAGE: 400/230V, 3 ϕ , 4W+ GROUND AND NEUTRAL BUSBAR

MAINS: 3P, 225A LUGS ONLY

FEEDER: 3-100 mm² THHN + 2-100 mm² + 1-22 mm² THHN IN 65mm ϕ IMC PIPE

MOUNTING: SURFACE MOUNTED

KAIC RATING: 35 KAIC

LOCATION: 7TH-25TH FLR EE ROOM

CKT NO.	CB POLE	CB TRIP	LOAD DESCRIPTION	KVA	AMPERE LOAD			WIRES AND CABLES
					ϕ AN	ϕ BN	ϕ CN	
1	3	125	ACCU-5	43.94	14.65	2.90	2.90	4-38mm ² THHN+1-14mm ² THHN IN 40mm ϕ IMC
2	3	125	2xFCU-5 + 4x FCU-6 +6x FCU-7	1.05	1.05			4-38mm ² THHN+1-14mm ² THHN IN 40mm ϕ IMC
			PROVISION FOR LIGHTS&CO'S(7LP-LA)	35.46	11.82	11.82	11.82	
3	3	50	SPARE	7.50	2.50	2.50	2.50	
		TOTAL		87.95	30.02	28.97	28.97	

DEMAND FACTOR: **1.00**
DEMAND KVA: **87.95**
DEMAND AMPS: **126.94**

PP-7B TO PP-25B (TYPICAL)

VOLTAGE: 400/230V, 3 ϕ , 4W+ GROUND AND NEUTRAL BUSBAR

MAINS: 3P, 225A LUGS ONLY

FEEDER: 3-100 mm² THHN + 2-100 mm² + 1-22 mm² THHN IN 65mm ϕ IMC PIPE

MOUNTING: SURFACE MOUNTED

KAIC RATING: 35 KAIC

LOCATION: 7TH-25TH FLR EE ROOM

CKT NO.	CB POLE	CB TRIP	LOAD DESCRIPTION	KVA	AMPERE LOAD			WIRES AND CABLES
					ϕ AN	ϕ BN	ϕ CN	
1	3	125	ACCU-5	43.94	14.65	14.65	14.65	4-38mm ² THHN+1-14mm ² THHN IN 40mm ϕ IMC
2	3	125	2xFCU-5 + 4x FCU-6 +6x FCU-7	1.05		1.05		4-38mm ² THHN+1-14mm ² THHN IN 40mm ϕ IMC
			PROVISION FOR LIGHTS&CO'S(7LP-LB)	32.50	10.84	10.84	10.84	
3	3	50	SPARE	7.50	2.50	2.50	2.50	
		TOTAL		84.99	27.99	29.04	27.94	

DEMAND FACTOR: **1.00**
DEMAND KVA: **84.99**
DEMAND AMPS: **122.68**