

**PP-7C TO PP-25C (TYPICAL)**VOLTAGE: 400/230V, 3 $\phi$ , 4W+GROUND AND NEUTRAL BUSBAR

MAINS: 3P, 225A LUGS ONLY

FEEDER: 3-100 mm<sup>2</sup> THHN + 2-100 mm<sup>2</sup> + 1-22 mm<sup>2</sup> THHN IN 65mm $\phi$  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
					$\phi$ AN	$\phi$ BN	$\phi$ CN	
1	3	125	ACCU-5	43.94	14.65	14.65	14.65	4-38mm <sup>2</sup> THHN+1-14mm <sup>2</sup> THHN IN 40mm $\phi$ IMC
2	3	125	2xFCU-5 + 4x FCU-6 +6x FCU-7	1.05		1.05		4-38mm <sup>2</sup> THHN+1-14mm <sup>2</sup> THHN IN 40mm $\phi$ 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	
<b>TOTAL</b>				<b>86.95</b>	<b>28.64</b>	<b>29.69</b>	<b>28.64</b>	

DEMAND FACTOR: 1.00

DEMAND KVA: 86.95

DEMAND AMPS: 125.51

**PP-7D TO PP-25D (TYPICAL)**VOLTAGE: 400/230V, 3 $\phi$ , 4W+GROUND AND NEUTRAL BUSBAR

MAINS: 3P, 225A LUGS ONLY

FEEDER: 3-100 mm<sup>2</sup> THHN + 2-100 mm<sup>2</sup> + 1-22 mm<sup>2</sup> THHN IN 65mm $\phi$  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
					$\phi$ AN	$\phi$ BN	$\phi$ CN	
1	3	125	ACCU-5	43.94	14.65	14.65	14.65	4-38mm <sup>2</sup> THHN+1-14mm <sup>2</sup> THHN IN 40mm $\phi$ IMC
2	3	125	2xFCU-5 + 4x FCU-6 +6x FCU-7	1.05			1.05	4-38mm <sup>2</sup> THHN+1-14mm <sup>2</sup> THHN IN 40mm $\phi$ 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	
<b>TOTAL</b>				<b>85.77</b>	<b>28.25</b>	<b>28.25</b>	<b>29.30</b>	

DEMAND FACTOR: 1.00

DEMAND KVA: 85.77

DEMAND AMPS: 123.80