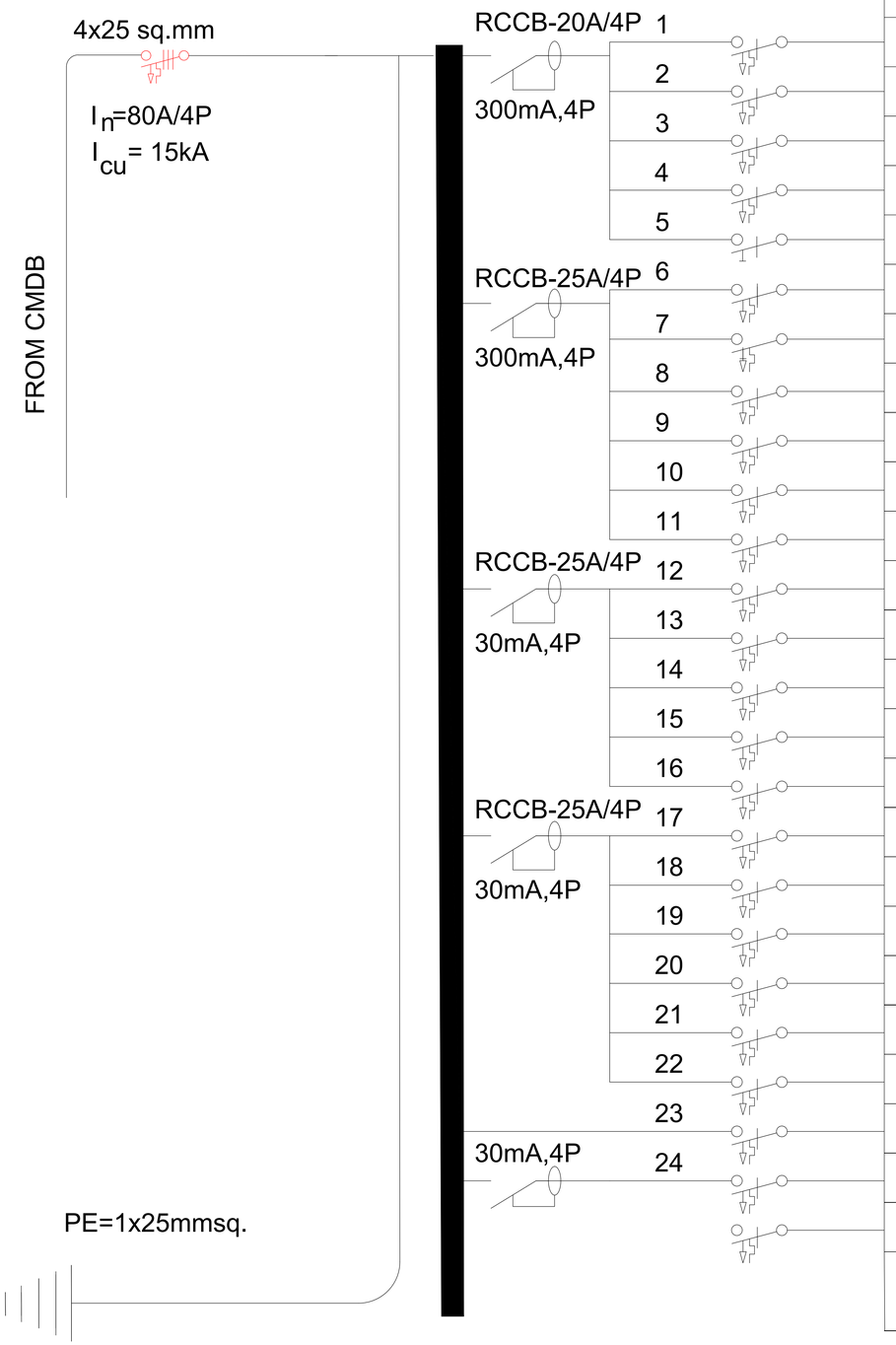
	Distibution Board (MDB)	Format : A4	REV C

FOLIO 1/2



MDB

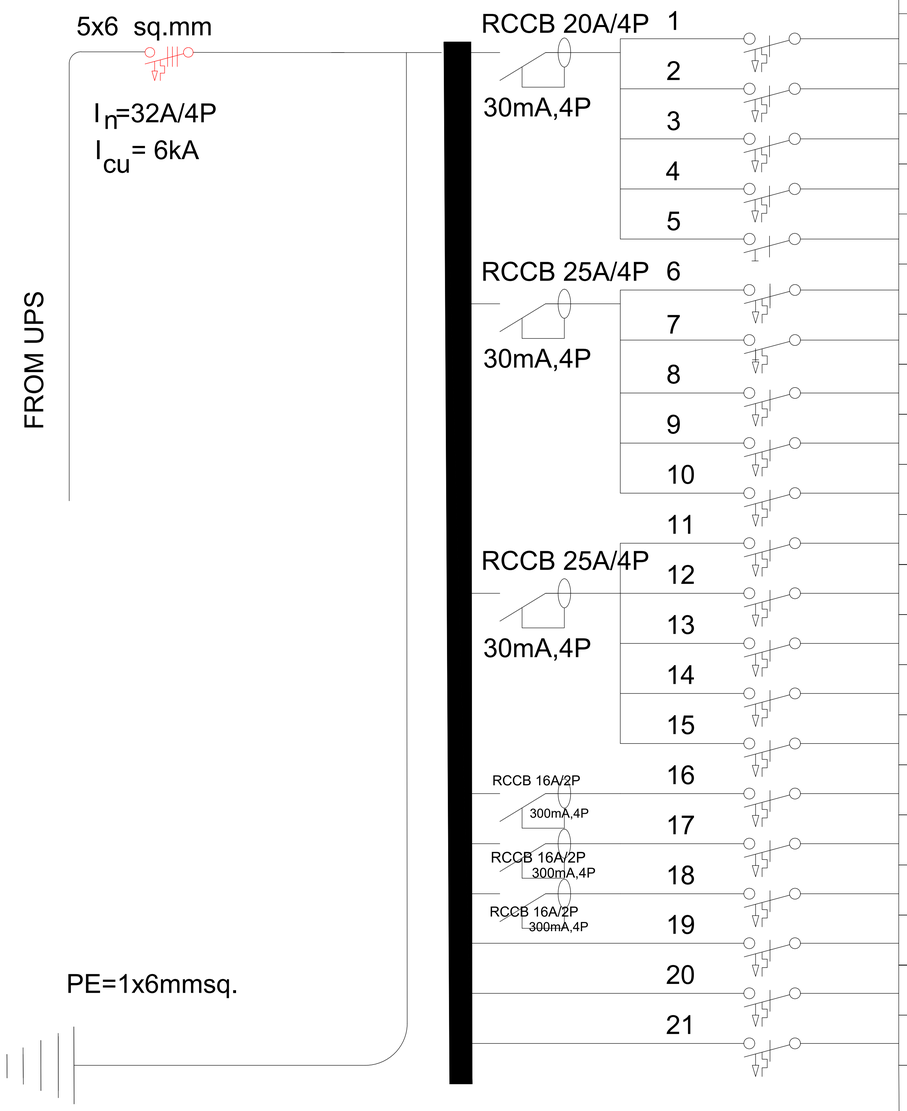
DESCRIPTION	A (mmsq.)	I (A)	R	S	T	P (kw)
Lighting(E-01)	3 x 1.5	10/2P	●			.36
Lighting(E-02)	3 x 1.5	10/2P		●		.36
Lighting(E-03)	3 x 1.5	10/2P			●	.36
Lighting(E-04)	3 x 1.5	10/2P	●			.36
Lighting(E-05)	3 x 1.5	10/2P		●		.36
Lighting(E-06)	3 x 1.5	10/2P			●	.36
Lighting(E-07)	3 x 1.5	10/2P	●			.36
Lighting(E-08)	3 x 1.5	10/2P		●		.36
Corridor-Lighting(E-09)	3 x 1.5	10/2P			●	.36
Corridor-Lighting(E-10)	3 x 1.5	10/2P	●			.36
Emergency-Lighting(E-11)	3 x 1.5	10/2P		●		.36
Split-AC(C-1)	3 x 2.5	16/2P			●	1.5
Split-AC(C-2)	3 x 2.5	16/2P	●			1.5
Split-AC(C-3)	3 x 2.5	16/2P		●		1.5
Split-AC(C-4)	3 x 2.5	16/2P			●	1.5
Split-AC(C-5)	3 x 2.5	16/2P	●			1.5
Split-AC(C-6)	3 x 2.5	16/2P		●		1.5
Split-AC(C-7)	3 x 2.5	16/2P			●	1.5
Split-AC(C-8)	3 x 2.5	16/2P	●			1.5
Split-AC(C-9)	3 x 2.5	16/2P		●		1.5
Split-AC(C-10)	3 x 4	16/2P			●	1.5
Split-AC(C-11)	3 x 4	16/2P	●			1.5
UPS	5x6	32/4P	●	●	●	12.11
Reserve	3 x 2.5	16/2P			●	
Reserve	3 x 4	16/2P	●			

$P_{tot} \approx 45.7KW$ DF=.7 $P_{max} \approx 32KW$ $I_b \approx 60.8A$

	Distibution Board (MDB)	Format : A4	REV C

FOLIO 2/2

SDB-UPS



DESCRIPTION	A (mmsq.)	I (A)	R	S	T	P (kw)
Split-AC(C-12)	3 x 2.5	16/2P	●			1.5
Split-AC(C-13)	3 x 2.5	16/2P		●		1.5
Split-AC(C-14)	3 x 2.5	16/2P			●	1.5
Split-AC(C-15)	3 x 2.5	16/2P	●			1.5
Split-AC(C-16)	3 x 2.5	16/2P		●		1.5
Power-Socket(P-1)	3 x 2.5	16/2P			●	1.5
Power-Socket(P-2)	3 x 2.5	16/2P	●			1.5
Power-Socket(P-3)	3 x 2.5	16/2P		●		1.5
Power-Socket(P-4)	3 x 2.5	16/2P			●	1.5
Power-Socket(P-5)	3 x 2.5	16/2P	●			1.5
Power-Socket(P-6)	3 x 2.5	16/2P		●		1.5
Power-Socket(P-7)	3 x 2.5	16/2P			●	1.5
Power-Socket(P-8)	3 x 2.5	16/2P	●			1.5
Power-Socket(P-9)	3 x 2.5	16/2P		●		1.5
Power-Socket(P-10)	3 x 2.5	16/2P			●	1.5
Power to FACP	3 x 2.5	16/2P	●			1.5
Power to NVR	3 x 2.5	16/2P		●		1.5
Power to ICT-Rack	3 x 2.5	16/2P			●	1.5
Reserve	3 x 2.5	16/2P	●			1.5
Reserve	3 x 2.5	16/2P		●		1.5
Reserve	3 x 4	16/2P			●	1.5

$P_{tot} \approx$ 17.3KW DF=.7 $P_{max} \approx$12.11KW I_b ≈22.99A