

DB Load Schedule

LDB-G1

6 way TPN - Double Door V.D.B

Way No.	Circuit No	Load Details	Load in Watts	Wire size Sq.mm	MCB Ratings in Amps	Remarks
1	R1	T 7-12, F 5-8	480	2x1+1.5E	6	All MCB "C" Curve
	Y1	T 1-6, F 1-4	480	"	6	
	B1	T 13-18, F 9-12	480	"	6	
2	R2	T 19-24, F 13-16	580	"	6	
	Y2	L1, F1, T 25-26, F 41, S 1-2	430	"	6	
	B2	L 2-4, T 75, f", S13, E.F.1-2	390	"	6	
3	R3	L 5-8, EF 3-4, T 36-37	200	"	6	
	Y3	E1-E3, S3, S4	400	2x1.5+1.0E	10	
	B3	S5, S6	300	"	10	
4	R4	Spare			6	
	Y4	"			6	
	B4	"			6	
5	R5					
	Y5	LDB G2	3620	Cable	25 TP	
	B5					
6	R6	Blank				
	Y6	Blank				
	B6	Blank				
			7,360			
I/C 40A 4P 30mA RCCB+40A4P ISOLATOR						
1/C Cable 4C 10sqmm AYFY + 2 Nos of No.10 bare copper leads						

Note:- Common to all D.B.'s. Each circuits shall have separate neutral and earth wire (Yellow/Green).

LDB-G2

6 way TPN, Double Door

Way No.	Circuit No	Load Details	Load in Watts	Wire size Sq.mm	MCB Ratings in Amps	Remarks
1	R1	T38-43, F 33-36	480	2x1+1.5E	6	All MCB "C" Curve
	Y1	T44-50, F37-40	480	"	6	
	B1	T 51-56, F 29-32	480	"	6	
2	R2	T 69-74, F21-24	480	"	6	
	Y2	T 63-68, F 17-20	480	"	6	
	B2	T57-62, F25-27	480	"	6	
3	R3	S12, E6-9	200	"	6	
	Y3	S8-10, T30-35	540	2x1.5+1.0E	10	
	B3	Spare			6	
4	R4	Spare			6	
	Y4	Spare			6	
	B4	Spare			6	
5	R5	Blank				
	Y5	"				
	B5	"				
6	R6	"				
	Y6	"				
	B6	"				
			3,620			

40A 4P Isolator

1/C Cable 4C 6sqmm AYFY + 2 Nos of No.10 bare copper leads

LDB-F1

6 way TPN - Double Door V.D.B

Incomer 40A , 4P Isolator + 40A 4P 30mA, RCCB

Way No.	Circuit No	Load Details	Load in Watts	Wire size Sq.mm	MCB Ratings in Amps	Remarks
1	R1	T 7-12, F 5-8	480	2x1+1.5E	6	All MCB "C" Curve
	Y1	T 1-6, F 1-4	480	"	6	
	B1	T 13-18, F 9-12	480	"	6	
2	R2	T 19-24, F 13-16	580	"	6	
	Y2	L, F, T 25-26, F 41, S 1-2	430	"	6	
	B2	L 2-24, T 75, F", S13, E.F.1-2	390	"	6	
3	R3	L 5-8, F 3-4, T 36-37	200	"	6	
	Y3	S3, S4	200	"	6	
	B3	S5, S6	300	"	6	
4	R4	SPARE			6	
	Y4	SPARE			6	
	B4	SPARE			6	
5	R5				6	
	Y5	LDB F-2	3540	Cable	25TP	
	B5					
	R6	BLANK				

6	Y6	BLANK				
	B6	BLANK				
			7,080			
1/C Cable 4C 10sqmm AYFY + 2 Nos of No.10 bare copper leads						

LDB-F2

6 way TPN - Double Door D.B

Incomer 40A , 4P Isolator

Way No.	Circuit No	Load Details	Load in Watts	Wire size Sq.mm	MCB Ratings in Amps	Remarks
1	R1	T38-43, F 33-36	480	2x1+1.5E	6	All MCB "C" Curve
	Y1	T44-50, F37-40	480	"	6	
	B1	T 51-56, F 29-32	480	"	6	
2	R2	T 69-74, F21-24	480	"	6	
	Y2	T 63-68, F 17-20	480	"	6	
	B2	T57-62, F25-27	480	"	6	
3	R3	S8-10, T30-35, S12	660	2x1.5+1.0E	10	
	Y3	Spare			6	
	B3	Spare			6	
4	R4	Spare			6	
	Y4	Spare			6	
	B4	Spare			6	
5	R5	BLANK				
	Y5	BLANK				
	B5	BLANK				
6	R6	BLANK				
	Y6	BLANK				
	B6	BLANK				
			3540			
1/C Cable 4C 6sqmm AYFY + 2 Nos of No.10 bare copper leads						

PDB-G1

6 way TPN - Double Door vertical D.B

Incomer 40A , 4P Isolator + 40A 4P 100mA, RCCB

Way No.	Circuit No	Load Details	Load in Watts	Wire size Sq.mm	MCB Ratings in Amps	Remarks
1	R1	C.F PUMP 3PH- 3HP	2,250	4C 4 SQ.MM AYFY	16 TP	
	Y1					
	B1					
2	R2	Spare		"	10 TP	
	Y2					
	B2					
3	R3	hydraulic jumper 1PH- 1HP	750	2x1.5+1E	10	through trunking
	Y3	JET PUMP - 2 HP	1,500	2x2.5+1.5E	16	
	B3	RECI: PUMP - 1 HP	750	2x1.5+1.0E	6	
4	R4	VERTICAL FLOW - 1 HP	750	2x1.5+1.0E	10	
	Y4	Vemhuri Orifice - .5HP	375	2x1+1.0E	6	
	B4	Gear pump - 2HP- 1 PH.	1500	2x2.5+1.5E	16	
5	R5	spare			16	
	Y5	"			16	
	B5	"			10	
6	R6	BLANK				
	Y6					
	B6					

			7,875			
1/C Cable 4C 35sqmm AYFY + 2 Nos of No.4 bare copper leads						

PDB-G2

6 way TPN - Double Door vertical D.B

Incomer 40A , 4P Isolator + 40A 4P 100mA, RCCB

Way No.	Circuit No	Load Details	Load in Watts	Wire size Sq.mm	MCB Ratings in Amps	Remarks
1	R1	Bernolli Apparatus - .5HP	375	2x1+1.0E	6	
	Y1	PIPE FRICTION 0.5HP	375	"	6	
	B1	OPEN CHANNEL - 1HP	750	2x1.5+1.0E	10	
2	R2	Reynolds - 1HP	750	"	10	
	Y2	FLOW THROUGH - 0.5HP	375	2x1+1.0E	6	
	B2	NOTCH APPA: 1 HP	750	2x1.5+1.0E	10	
3	R3	IMPACT JET -- 2 HP - 3 PH	1,500	4c 4 AYFY	10 TP	
	Y3					
	B3					
4	R4	Hydraulic Ram	1,500	4c 4 AYFY	10TP	
	Y4					
	B4					
5	R5	spare			25TP	
	Y5					
	B5					
6	R6	spare			10TP	
	Y6					
	B6					

			6,375			
1/C Cable 4C 35sqmm AYFY + 2 Nos of No.4 bare copper leads						

LDB-S1

6 way TPN - Double Door V.D.B
 Incomer 40A , 4P Isolator + 40A 4P 30mA, RCCB

Way No.	Circuit No	Load Details	Load in Watts	Wire size Sq.mm	MCB Ratings in Amps	Remarks
1	R1	T 7-12, F 5-8	480	2x1+1.5E	6	All MCB "C" Curve
	Y1	T 1-6, F 1-4	480	"	6	
	B1	T 13-18, F 9-12	480	"	6	
2	R2	T 19-24, F 13-16	580	"	6	
	Y2	L, F, T 25-26, F 41, S 1-2	430	2x1.5+1.5E	6	
	B2	L 2-24, T 75, F", S13, E.F.1-2	390	"	6	
3	R3	L 5-8, F 3-4, T 36-37	200	"	6	
	Y3	S3, S4	200	"	6	
	B3	S5, S6	300	"	6	
4	R4	SPARE			6	
	Y4	SPARE			6	
	B4	SPARE			6	
5	R5				6	
	Y5	LDB S-2	3540		25TP	
	B5					
6	R6	BLANK				
	Y6	BLANK				
	B6	BLANK				
			7,080			
1/C Cable 4C 10sqmm AYFY + 2 Nos of No.10 bare copper leads						

LDB-S2

6 way TPN - Double Door D.B
Incomer 40A , 4P Isolator

Way No.	Circuit No	Load Details	Load in Watts	Wire size Sq.mm	MCB Ratings in Amps	Remarks
1	R1	T38-43, F 33-36	480	2x1+1.5E	6	All MCB "C" Curve
	Y1	T44-50, F37-40	480	"	6	
	B1	T 51-56, F 29-32	480	"	6	
2	R2	T 69-74, F21-24	480	"	6	
	Y2	T 63-68, F 17-20	480	"	6	
	B2	T57-62, F25-27	480	"	6	
3	R3	S8-10, T30-35, S12	660	2x1.5+1.5E	10	
	Y3	Spare			6	
	B3	Spare			6	
4	R4	Spare			6	
	Y4	Spare			6	
	B4	Spare			6	
5	R5	BLANK				
	Y5	BLANK				
	B5	BLANK				
6	R6	BLANK				
	Y6	BLANK				
	B6	BLANK				
			3540			
1/C Cable 4C 6sqmm AYPY + 2 Nos of No.10 bare copper leads						

PDB-F1

8 way TPN - Double Door vertical D.B
Incomer 63A , 4P Isolator + 63A 4P 100mA, RCCB

Way No.	Circuit No	Load Details	Load in Watts	Wire size Sq.mm	MCB Ratings in Amps	Remarks
1	R1	MACHINE 3P	5,200	4C 6 SQ.MM AYFY	32 TP	
	Y1					
	B1					
2	R2	MACHINE 3P	3700	4C 4 SQ.MM AYFY	25 TP	
	Y2					
	B2					
3	R3	MACHINE 3P	3,700	4C 4 SQ.MM AYFY	25 TP	
	Y3					
	B3					
4	R4	MACHINE 3P	3,700	4C 4 SQ.MM AYFY	25 TP	
	Y4					
	B4					
5	R5	MACHINE 3P	5200	4C 6 SQ.MM AYFY	32 TP	
	Y5					
	B5					
6	R6	MACHINE 3P	3,700	4C 4 SQ.MM AYFY	25 TP	
	Y6					
	B6					
7	R7	MACHINE SP	750	3 C 4 sqmm AYFY	6	
	Y7	Spare			6	
	B7	Spare			6	
8	R8	Blanks				
	Y8	"				
	B8	"				
			25,200			

1/C Cable 4C 35sqmm AYFY + 2 Nos of No.4 bare copper leads

PDB-F2

8 way TPN - Double Door vertical D.B
Incomer 63A , 4P Isolator + 63A 4P 100mA, RCCB

Way No.	Circuit No	Load Details	Load in Watts	Wire size Sq.mm	MCB Ratings in Amps	Remarks
1	R1	Transformer SP	-	2x2.5+1.0E	16	
	Y1	Transformer SP	-	"	16	
	B1	Transformer SP	-	"	16	
2	R2		-		10	
	Y2	Transformer TP	-	4x4+2x2.5	25 TP	
	B2		-			
3	R3					
	Y3	Transformer TP	-	4x4+2x2.5	25 TP	
	B3					
4	R4					
	Y4	Machine 3PH	3,700	4c 4 AYFY	25TP	
	B4					
5	R5					
	Y5	Machine 3PH	4,200	4c 6 AYFY	32TP	
	B5					
6	R6					
	Y6	spare			10TP	
	B6					
7	R6					
	Y6	Blank			10TP	
	B6					
8	R6					
	Y6	Blank			10TP	
	B6					

1/C Cable 4C 35sqmm AYFY + 2 Nos of No.4 bare copper leads

5	R5	VENTURI 0.5HP	375	2x1+1.0E	6	
	Y5	FRICTION	375	"	6	
	B5	CHANNEL	750	2x1.5+1.0 E	10	
6	R6	Reynolds - 1HP	750	"	10	
	Y6	THROUGH 1HP	375	2x1+1.0E	6	
	B6	APPA: 1 1HP	750	2x1.5+1.0 E	10	
7	R7	JET -- 2 1HP	1,500	2x2.5+2x1 5E	16	
	Y7					
	B7					
8	R8	BLANK				
	Y8	BLANK				
	B8	BLANK				
			4,875			