

# **CHAPTER 10**

## **MINIATURE CIRCUIT BREAKER**

<b>Schedule Item No.</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Complete Rate</b>	<b>Labour Rate</b>	
1001	S&F of 0.5 Amp to 5 Amp. SP MCB (10KA) C Curve				
		CAT A	each	335.00	30.00
		CAT B	each	250.00	30.00
		CAT C	each	150.00	30.00
1002	S&F of 6 Amp to 32 Amp. MCB (10 KA) C Curve				
		CAT A	each	250.00	30.00
		CAT B	each	200.00	30.00
		CAT C	each	105.00	30.00
1003 (A)	S&F of 40 Amp. SP MCB (10KA)C Curve				
		CAT A	each	520.00	30.00
		CAT B	each	325.00	30.00
		CAT C	each	130.00	30.00
1003 (B)	S&F of 50 Amp to 63 Amp. SPMCB (10KA)				
		CAT A	each	520.00	30.00
		CAT B	each	370.00	30.00
		CAT C	each	150.00	30.00
1004 (A)	S&F of 40 Amp. S.P. Isolator				
		CAT A	each	-	-
		CAT B	each	-	-
		CAT C	each	140.00	30.00
1004 (B)	S&F of 63 Amp. S.P. Isolator				
		CAT A			
		CAT B			
		CAT C	each	150.00	31.00
1005 (A)	S&F of 40 Amp. D.P. Isolator				
		CAT A	each	450.00	30.00
		CAT B	each	340.00	30.00
		CAT C	each	-	-
1005 (B)	S&F of 63 Amp. D.P. Isolator				
		CAT A	each	590.00	30.00
		CAT B	each	420.00	30.00
		CAT C	each	185.00	30.00
1006 (A)	S&F of 40 Amp. T.P. Isolator				
		CAT A	each	765.00	50.00
		CAT B	each	590.00	50.00

Schedule Item No.	Description of Item	Unit	Complete Rate	Labour Rate	
		CAT C	each	310.00	50.00
1006 (B)	S&F of 63 Amp. T.P. Isolator				
		CAT A	each	880.00	50.00
		CAT B	each	670.00	50.00
		CAT C	each	350.00	50.00
1006 (C)	S&F of 100 Amp. T.P. Isolator				
		CAT A	each	1020.00	50.00
		CAT B	each	890.00	50.00
		CAT C	each	400.00	50.00
1007 (A)	S&F of 40 Amp. 4 Pole. Isolator				
		CAT A	each	955.00	50.00
		CAT B	each	760.00	50.00
		CAT C	each	380.00	50.00
1007 (B)	S&F of 63 Amp. 4 Pole Isolator				
		CAT A	each	1065.00	50.00
		CAT B	each	860.00	50.00
		CAT C	each	460.00	50.00
1007 (C)	S&F of 100 Amp. 4 Pole. Isolator				
		CAT A	each	1300.00	50.00
		CAT B	each	1100.00	50.00
		CAT C	each	490.00	50.00
1008	S&F of 0.5 Amp. to 5 Amp. DP MCB (10 KA) C Curve				
		CAT A	each	800.00	30.00
		CAT B	each	655.00	30.00
		CAT C	each	335.00	30.00

Schedule Item No.	Description of Item	Unit	Complete Rate	Labour Rate	
1009	S&F of 6 Amp. to 32 Amp. DP MCB (10 KA) C Curve				
		CAT A	each	730.00	30.00
		CAT B	each	515.00	30.00
		CAT C	each	245.00	30.00
1010	S&F of 40 Amp. DP MCB (10 KA) C Curve				
		CAT A	each	1160.00	30.00
		CAT B	each	705.00	30.00
		CAT C	each	285.00	30.00
1011	S&F of 63 Amp. DP MCB (10 KA)				
		CAT A	each	1160.00	30.00
		CAT B	each	865.00	30.00
		CAT C	each	330.00	30.00
1012	S&F of 0.5 Amp. to 5 Amp. TP MCB (10 KA) C Curve				
		CAT A	each	1350.00	50.00
		CAT B	each	890.00	50.00
		CAT C	each	475.00	50.00
1013	S&F of 6 Amp. to 32 Amp. TP MCB (10 KA) C Curve				
		CAT A	each	1170.00	50.00
		CAT B	each	780.00	50.00
		CAT C	each	355.00	50.00
1014	<b>Deleted</b>				
1015	<b>Deleted</b>				
1016	S&F of 40 Amp. TP MCB (10 KA) C Curve				
		CAT A	each	1710.00	50.00
		CAT B	each	1065.00	50.00
		CAT C	each	425.00	50.00
1017	S&F of 63 Amp. TP MCB (10 KA) C Curve				
		CAT A	each	1730.00	50.00
		CAT B	each	1280.00	50.00
		CAT C	each	490.00	50.00
1018	S&F of 0.5 Amp to 5 Amp. 4 pole MCB (10 KA) C Curve				
		CAT A	each	1830.00	80.00
		CAT B	each	1260.00	80.00
		CAT C	each	640.00	80.00

Schedule Item No.	Description of Item	Unit	Complete Rate	Labour Rate	
1019	S&F of 6 Amp. to 32 Amp. 4 pole MCB (10 KA) C Curve				
		CAT A	each	1570.00	80.00
		CAT B	each	1090.00	80.00
		CAT C	each	450.00	80.00
1020	S&F of 40 Amp. 4 pole MCB (10 KA)				
		CAT A	each	2210.00	80.00
		CAT B	each	1550.00	80.00
		CAT C	each	500.00	80.00
1020 (A)	S&F of 63 Amp. 4 pole MCB(10 KA) C Curve				
		CAT A	each	2210.00	80.00
		CAT B	each	1550.00	80.00
		CAT C	each	670.00	80.00
1021	S&F of 80 to 100 Amp 4 pole MCCB (16 KA) Thermal Magnetic release				
		CAT A	each	5375.00	86.00
		CAT B	each	4000.00	86.00
		CAT C	each		
1021 (A)	S&F of 125 Amp 4 pole MCCB (16 KA) Thermal Magnetic release				
		CAT A	each	5990.00	86.00
		CAT B	each	5860.00	86.00
		CAT C	each		
1021 (B)	S&F of 160 Amp 4 pole MCCB (16 KA) Thermal Magnetic release				
		CAT A	each	7160.00	86.00
		CAT B	each	7060.00	86.00
		CAT C	each		
1021 (C)	S&F of 100 Amp 4 pole MCCB (25 KA) Thermal Magnetic release				
		CAT A	each	7650.00	86.00
		CAT B	each	5560.00	86.00
		CAT C	each		
1021 (D)	S&F of 125 Amp 4 pole MCCB (25 KA) Thermal Magnetic release				
		CAT A	each	9130.00	86.00
		CAT B	each	6760.00	86.00
		CAT C	each		
1021 (E)	S&F of 160 Amp 4 pole MCCB (25 KA) Thermal Magnetic release				
		CAT A	each	11800.00	86.00
		CAT B	each	8240.00	86.00
		CAT C	each		

Schedule Item No.	Description of Item	Unit	Complete Rate	Labour Rate	
1021 (F)	S&F of 200 Amp 4 pole MCCB (25 KA) Thermal Magnetic release				
		CAT A	each	17160.00	86.00
		CAT B	each	12240.00	86.00
		CAT C	each		
1021 (G)	S&F of 250 Amp 4 pole MCCB (25 KA) Thermal Magnetic release				
		CAT A	each	19520.00	86.00
		CAT B	each	12080.00	86.00
		CAT C	each		
1021 (H)	S&F of 80-100 Amp 3 pole MCCB (16 KA) Thermal Magnetic release				
		CAT A	each	4200.00	86.00
		CAT B	each	3070.00	86.00
		CAT C	each		
1021 (I)	S&F of 125 Amp 3 pole MCCB (16 KA) Thermal Magnetic release				
		CAT A	each	4700.00	86.00
		CAT B	each	-	-
		CAT C	each	-	-
1021 (J)	S&F of 160 Amp 3 pole MCCB (16 KA) Thermal Magnetic release				
		CAT A	each	5630.00	86.00
		CAT B	each	-	-
		CAT C	each	-	-
1021 (K)	S&F of 100 Amp 3 pole MCCB (25 KA) Thermal Magnetic release				
		CAT A	each	6560.00	86.00
		CAT B	each	-	-
		CAT C	each	-	-
1021 (L)	S&F of 125 Amp 3 pole MCCB (25 KA) Thermal Magnetic release				
		CAT A	each	7760.00	86.00
		CAT B	each	3700.00	86.00
		CAT C	each	-	-
1021 (M)	S&F of 160 Amp 3 pole MCCB (25 KA) Thermal Magnetic release				
		CAT A	each	10180.00	86.00
		CAT B	each	4840.00	86.00
		CAT C	each		

Schedule Item No.	Description of Item	Unit	Complete Rate	Labour Rate	
1021 (N)	S&F of 200 Amp 3 pole MCCB (25 KA) Thermal Magnetic release				
		CAT A	each	15540.00	86.00
		CAT B	each	5570.00	86.00
		CAT C	each		
1021 (O)	S&F of 250 Amp 3 pole MCCB (25 KA) Thermal Magnetic release				
		CAT A	each	18440.00	86.00
		CAT B	each	6230.00	86.00
		CAT C	each		
1022	S&F surface/flushmounting 4 ways SPN distribution board without MCB complete in all respect, as directed at site by Engineer in charge.				
		CAT A	each	1150.00	184.00
		CAT B	each	730.00	184.00
		CAT C	each	640.00	184.00
1022 (A)	S&F surface/flushmounting 4 ways SPN distribution board with additional metal door without MCB complete in all respect, as directed at site by Engineer in charge.				
		CAT A	each	1520.00	184.00
		CAT B	each	1150.00	184.00
		CAT C	each	1040.00	184.00
1023	<b>Deleted</b>				
1024	S & F surface/Flush mounting 8 ways SPN distribution board without additional metal door without MCB complete in all respect, as directed by Engineer in Charge.				
		CAT A	each	1400.00	184.00
		CAT B	each	950.00	184.00
		CAT C	each	750.00	184.00
1024 (A)	S&F surface/flushmounting 8 ways SPN distribution board with additional metal door without MCB complete in all respect, as directed by Engineer in charge.				
		CAT A	each	1760.00	184.00
		CAT B	each	1430.00	184.00
		CAT C	each	1280.00	184.00
1025	S & F surface/Flush mounting 12 ways SPN distribution board without additional metal door without MCB complete in all respect, as directed by Engineer in Charge.				
		CAT A	each	1550.00	184.00
		CAT B	each	1100.00	184.00
		CAT C	each	900.00	184.00

Schedule Item No.	Description of Item	Unit	Complete Rate	Labour Rate	
1025 (A)	S & F surface/Flush mounting 12 ways SPN distributionboard with additional metal door without MCB complete in all respect, as Direct by Engineer in Charge.				
		CAT A	each	2100.00	184.00
		CAT B	each	1700.00	184.00
		CAT C	each	1550.00	184.00
1026	S & F surface/Flush mounting 4ways TPN distributionboard without additional Door without MCB complete in all respect, as directed at site by Engineer in charge.				
		CAT A	each	2800.00	304.00
		CAT B	each	2120.00	304.00
		CAT C	each	1550.00	304.00
1026 (A)	S & F surface/Flush mounting 4ways TPN distribution board with additional metal door without MCB complete in all respect,as directed at site by Engineer in charge.				
		CAT A	each	3250.00	304.00
		CAT B	each	2650.00	304.00
		CAT C	each	2300.00	304.00
1026 (B)	S & F surface/Flush mounting 4ways V TPN distribution board without additional Door without MCB complete in all respect, as directed at site by Engineer in charge.				
		CAT A	each	8700.00	304.00
		CAT B	each	6200.00	304.00
		CAT C	each		
1026 (C)	S & F surface/Flush mounting 4ways V TPN distributionboard with additional metal door without MCB complete in all respect,as directed at site by Engineer in charge.				
		CAT A	each	9100.00	304.00
		CAT B	each	7200.00	304.00
		CAT C	each	-	-
1027	S & F surface/Flush mounting 6ways TPN distributionboard without additional board without MCB complete in all respect, as directed at site by Engineer in charge.				
		CAT A	each	3450.00	304.00
		CAT B	each	2600.00	304.00
		CAT C	each	1820.00	304.00
1027 (A)	S & F surface/Flush mounting 6ways TPN distribution board with additional metal door without MCB complete in all respect, as directed at site by Engineer in charge.				
		CAT A	each	4200.00	304.00
		CAT B	each	2600.00	304.00
		CAT C	each	3000.00	304.00

Schedule Item No.	Description of Item	Unit	Complete Rate	Labour Rate
1027 (B)	S & F surface/Flush mounting 6ways V TPN distribution board without additional Door without MCB complete in all respect,as directed at site by Engineer in charge.			
	CAT A	each	-	-
	CAT B	each	8000.00	304.00
	CAT C	each	-	-
1027 (C)	S & F surface/Flush mounting 6ways VTPN distributionboard with additional metal door without MCB complete in all respect,as directed at site by Engineer in charge.			
	CAT A	each	-	-
	CAT B	each	9200.00	304.00
	CAT C	each	-	-
1028	S & F surface/Flush mounting 8ways TPN distributionboard without additional door without MCB complete in all respect,as directed at site by Engineer in charge.			
	CAT A	each	3850.00	368.00
	CAT B	each	2720.00	368.00
	CAT C	each	2150.00	368.00
1028 (A)	S & F surface/Flush mounting 8ways TPN distribution board with additional metal door without MCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	4650.00	368.00
	CAT B	each	4100.00	368.00
	CAT C	each	3500.00	368.00
1028 (B)	S & F surface/Flush mounting 8ways V TPN distribution board without additional metal door without MCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	9950.00	368.00
	CAT B	each	8100.00	368.00
	CAT C	each	-	-
1028 (C)	S & F surface/Flush mounting 8ways V TPN distributionboard with additional metal board without MCB complete in all respect,as directed at site by Engineer in charge.			
	CAT A	each	10900.00	368.00
	CAT B	each	9500.00	368.00
	CAT C	each	-	-
1029	S & F surface/Flush mounting 12ways TPN distribution board without additionalmetal door without MCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	5700.00	368.00
	CAT B	each	3500.00	368.00
	CAT C	each	-	-



Schedule Item No.	Description of Item	Unit	Complete Rate	Labour Rate
1029 (A)	S & F surface/Flush mounting 12ways TPN distribution board with additional metal door without MCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	7100.00	368.00
	CAT B	each	5730.00	368.00
	CAT C	each	4350.00	368.00
1029 (B)	S & F surface/Flush mounting 12ways V TPN distribution board without additional metal door without MCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	14500.00	368.00
	CAT B	each	10500.00	368.00
	CAT C	each	-	-
1029 (C)	S & F surface/Flush mounting 12ways V TPN distribution board with additional metal door without MCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	15000.00	368.00
	CAT B	each	11800.00	368.00
	CAT C	each	-	-
1030	S & F surface/Flush mounting 4ways V TPN distribution board without additional Door without DPX3 160 MCCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	9600.00	368.00
	CAT B	each	8500.00	368.00
	CAT C	each	-	-
1030(A)	S & F surface/Flush mounting 4ways V TPN distribution board with additional Door without DPX3 160 MCCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	10500.00	368.00
	CAT B	each	8800.00	368.00
	CAT C	each	-	-
1030(B)	S & F surface/Flush mounting 4ways V TPN distribution board with additional Door without DPX3 250 MCCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	17500.00	368.00
	CAT B	each	16200.00	368.00
	CAT C	each	-	-
1030(C)	S & F surface/Flush mounting 4ways V TPN distribution board with additional Door without DPX3 250 MCCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	19500.00	368.00
	CAT B	each	18350.00	368.00
	CAT C	each	-	-

Schedule Item No.	Description of Item	Unit	Complete Rate	Labour Rate
1030(D)	S & F surface/Flush mounting 6ways V TPN distribution board without additional Door without DPX3 160 MCCB complete in all respect,as directed at site by Engineer in charge.			
	CAT A	each	-	-
	CAT B	each	9650.00	368.00
	CAT C	each	-	-
1030(E)	S & F surface/Flush mounting 6ways V TPN distributionboard with additional Door without DPX3 160 MCCB complete in all respect,as directed at site by Engineer in charge.			
	CAT A	each	13200.00	368.00
	CAT B	each	11400.00	368.00
	CAT C	each	-	-
1030(F)	S & F surface/Flush mounting 6ways V TPN distributionboard with additional Door without DPX3 250 MCCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	-	-
	CAT B	each	16600.00	368.00
	CAT C	each	-	-
1030(G)	S & F surface/Flush mounting 6ways V TPN distributionboard with additional Door without DPX3 250 MCCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	-	-
	CAT B	each	20400.00	368.00
	CAT C	each	-	-
1030(H)	S & F surface/Flush mounting 8ways V TPN distribution board without additional Door without DPX3 160 MCCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	11100.00	368.00
	CAT B	each	10100.00	368.00
	CAT C	each	-	-
1030(I)	S & F surface/Flush mounting 8ways V TPN distributionboard with additional Door without DPX3 160 MCCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	13400.00	368.00
	CAT B	each	10900.00	368.00
	CAT C	each	-	-
1030(J)	S & F surface/Flush mounting 8ways V TPN distribution board without additional Door without DPX3 250 MCCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	18700.00	368.00
	CAT B	each	17300.00	368.00
	CAT C	each	-	-

Schedule Item No.	Description of Item	Unit	Complete Rate	Labour Rate
1030(K)	S & F surface/Flush mounting 8ways V TPN distributionboard with additional Door without DPX3 250 MCCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	-	-
	CAT B	each	-	-
	CAT C	each	-	-
1030(L)	S & F surface/Flush mounting 12ways V TPN distribution board without additional Door without DPX3 160 MCCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	22800.00	368.00
	CAT B	each	21300.00	368.00
	CAT C	each	-	-
1030(M)	S & F surface/Flush mounting 12ways V TPN distributionboard with additional Door without DPX3 160 MCCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	17750.00	368.00
	CAT B	each	14000.00	368.00
	CAT C	each	-	-
1030(N)	S & F surface/Flush mounting 12ways V TPN distribution board without additional Door without DPX3 250 MCCB complete in all respect, as directed at site by Engineer in charge.			
	CAT A	each	20800.00	368.00
	CAT B	each	19200.00	368.00
	CAT C	each	-	-
1030(O)	S & F surface/Flush mounting 12ways V TPN distributionboard with additional Door without DPX3 250 MCCB complete in all respect as directed at site by Engineer in charge.			
	CAT A	each	23800.00	368.00
	CAT B	each	22300.00	368.00
	CAT C	each	-	-
1031	S & F sheet steel enclosure surface/Flush mounting fitted with 20Amp. 2Pin and earth metal clad scraping earth plug and socket complete in all respect. as directed at site by Engineer in charge.			
	CAT A	each	1475.00	156.00
	CAT B	each	995.00	156.00
	CAT C	each	-	-
1031(A)	S & F sheet steel enclosure surface/Flush mounting fitted with 30Amp. 2Pin and earth metal clad scraping earth plug and socket complete in all respect. as directed at site by Engineer in charge.			
	CAT A	each	3350.00	156.00
	CAT B	each	2650.00	156.00
	CAT C	each	-	-

Schedule Item No.	Description of Item	Unit	Complete Rate	Labour Rate
1032	S & F sheet steel enclosure for S.P/ D.P. MCB with neutral link and earth terminal.			
		CAT A	each	-
		CAT B	each	230.00
		CAT C	each	-
1033	S & F sheet steel enclosure for T.P./Four Pole MCB.			
		CAT A	each	-
		CAT B	each	310.00
		CAT C	each	-
1034 (B)	S&F single pole MCB blanking plate			
		CAT A	each	-
		CAT B	each	10.00
		CAT C	each	-
<b>(I) SPN Distribution Board (Consumer Unit)</b>				
1035	<b>Deleted</b>			
1035 (A)	S & F of Surface/Flush mounting 4way SPN DB Box (Consumer Unit) with 40Amp. DP isolator for incoming but without MCB, complete in all respect.			
		CAT A	each	-
		CAT B	each	1180.00
		CAT C	each	-
1036	<b>Deleted</b>			
1036 (A)	Same as PS 1035 (A) but 8 ways.			
		CAT A	each	-
		CAT B	each	1400.00
		CAT C	each	-
1037	<b>Deleted</b>			
1037 (A)	Same as PS 1035 (A) but 12 ways.			
		CAT A	each	-
		CAT B	each	1620.00
		CAT C	each	-
1038	<b>Deleted</b>			
1038 (A)	S & F of Surface/Flushmounting4way SPN DB Box (Consumer Unit) with 63Amp. DP isolator for incoming but without MCB, complete in all respect.			
		CAT A	each	-
		CAT B	each	1380.00
		CAT C	each	-
1039	<b>Deleted</b>			

<b>Schedule Item No.</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Complete Rate</b>	<b>Labour Rate</b>	
1039 (A)	Same as PS 1038 (A) but 8 ways.				
		CAT A	each	-	-
		CAT B	each	1600.00	184.00
		CAT C	each	-	-
1040	<b>Deleted</b>				
1040 (A)	Same as PS 1038 (A) but 12 ways.				
		CAT A	each	-	-
		CAT B	each	1820.00	184.00
		CAT C	each	-	-