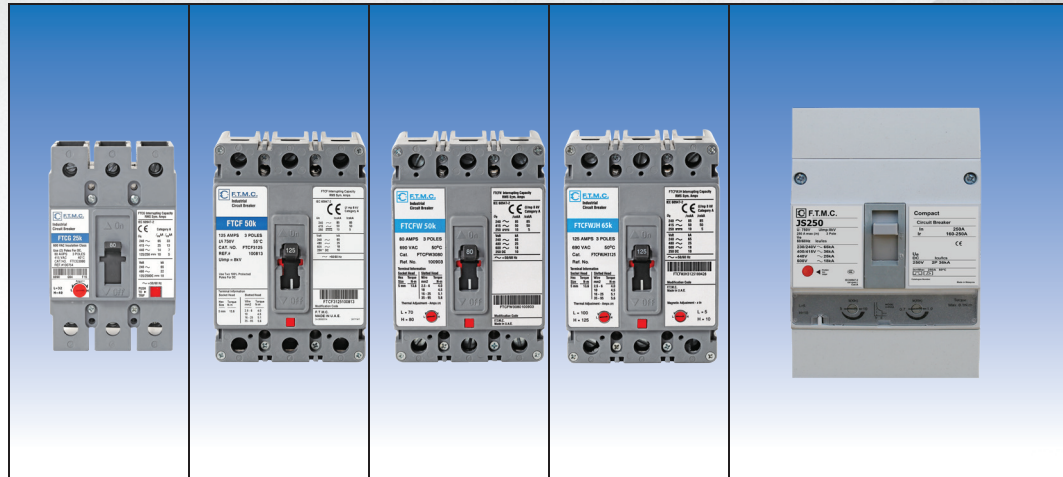




Moulded Case Circuit Breaker

Electrical Characteristics



			G		F						J	
Maximum Rated Current (A)			16-125A		16-225A						63-250A	
Breaker Type			FTCG	FTCG	FTCF	FTCFH	FTCFW	FTCFWH	FTCFWJ	FTCFWJH	JS	JH
Breaker Capacity (kA rms) AC 50-60 Hz												
IEC 947-2	220-240	I _{CU}	65	65	65	100	100	100	65	100	85	85
	VAC	I _{CS}	32	35	65	100	100	100	65	100	85	85
	380-415	ICU	25	25	50 ^①	65	50 ^①	65	50 ^①	65	36	50
	VAC	ICS	13	13	50	65	50	65	50	65	36	50
	250	I _{CU}	10	10	10	10	10	20	10	20	10	10
	VDC	I _{CS}	5	5	5	5	5	10	5	10	5	5
Number of poles			1,2,3		1,2,3,4						2,3,4	
Ampere Range			16-125A		16-225A						63-250A	
Trip Units			Fixed Thermal - Magnetic ^④		Fixed Thermal - Magnetic ^④ Adjustable Thermal/ Fixed Magnetic ^④ Adjustable Thermal- Magnetic ^⑤						Fixed Thermal /Adjustable Magnetic	
			Adjustable Thermal ^⑤								Adjustable Thermal Magnetic	
Ratings	Fixed	125A		225A						250A		
	Adjustable (20%)	16-125A		16-225A						63-250A		
Calibration Temp.			55°C		55°C						55°C	
Terminations			Line		Cable						Lug & End Cap	
Load			Cable		Cable						Cable	
Cable Size			3-95mm ²		16-150mm ²						25-185mm ²	
Accessories : Shunt Trip			✓		✓						✓	
Under voltage			✓		✓						✓	
Aux. Contacts			✓		✓						✓	
Trip Alarm Contacts			✓		✓						✓	
Dimensions		H	W	D	H		W	D		H	W	D
(mm)	1- Pole	123.8	25.4	66.7	152.4	35	86	165	x	x	x	
	2- Pole		50.8			70						
	3- Pole		76.2			105						
	4- Pole	x	x	x		140						

① Available in 40kA Icu=Ics ② Available in 50kA Icu=Ics

① Available in 40kA Icu=Ics ② Available in 50kA Icu=Ics

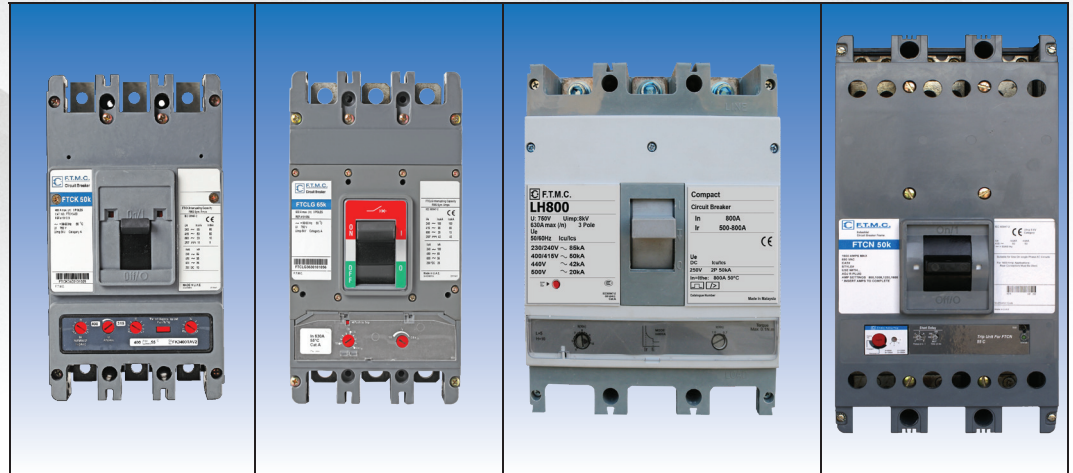
④ Fixed Magnetic = 5 In ⑤ Adjustable Magnetic = (5-10)In

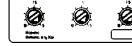
Farraj Trading & Manufacturing Sdn. Bhd.

1510, Jalan Bukit Tambun, 14100 Simpang Ampat,
Seberang Perai Selatan, Penang, Malaysia.

Moulded Case Circuit Breaker

Electrical Characteristics



			K			LG			L			N		
Maximum Rated Current (A)			70- 400			250- 630			400- 800			800-1000-1250-1600		
Breaker Type			FTCK		FTCKH	FTCLG		FTCLGH	LH			FTCN		FTCNH
Breaker Capacity (kA rms) AC 50-60 Hz														
IEC 947-2	220-240	I _{CU}	85	100		85	100		85			85	100	
	VAC	I _{CS}	85	100		85	100		85			85	100	
	380-415	ICU	50	65		65 ^②	85		65 ^②			50	65	
	VAC	ICS	50	65		65	85		65			50	65	
	250	I _{CU}	10	20		20	20		20			-	-	
	VDC	I _{CS}	5	10		10	10		10			-	-	
Number of poles			2,3,4			3,4			3,4			3,4		
Ampere Range			70-400A			250-630A			400-800A			400-1600A		
Trip Units			 Adjustable Thermal Magnatic ^⑥			 Adjustable Thermal Magnatic ^⑥			 Adjustable Thermal Magnatic ^⑥			 Adjustable Electronic ^⑥		
Ratings	Fixed		400A			630A			800A			-		
	Adjustable (20%)		70-400A			250-630A			400-800A			400-1600A		
Calibration Temp.			55°C			55°C			55°C			- 5°C to + 60°C		
Terminations			Lug & End Cap			Lug & End Cap			Busbar ext.			Lug / Busbar		
Load			Cable			Cable			Busbar ext.			Lug / Busbar		
Cable Size			35-300mm ²			35-300mm ²			95-500mm ² (lugs)			95-500mm ² (lugs)		
Accessories : Shunt Trip			✓			✓			✓			✓		
	Under voltage		✓			✓			✓			✓		
	Aux. Contacts		✓			✓			✓			✓		
	Trip Alarm Contacts		✓			✓			✓			✓		
Dimensions			H	W	D	H	W	D	H	W	D	H	W	D
(mm)	1- Pole		x	x	x	x	x	x	x	x	x	x	x	x
	2- Pole		258	140	104	x	x	x	x	x	x	x	x	x
	3- Pole					258	140.0	104	275	210	105	406	210	140
	4- Pole													

② Available in 50kA $I_{cu}=I_{cs}$

⑥ Electronic Trip Unit - Thermal Adjustable = $(0.4-1)I_n$
- Magnate Adjustable = $(2-10)I_n$

Frame Size G (16-125) Amperes



Product description:

Maximum continuous Ampere rating at 55°C

Standard interrupting capacity catalogue number

Fixed Thermal Magnetic OR Adjustable Thermal / Fixed Magnetic

Ue Maximum 240 V / 415V

Icu 65kA 25kA

Ics 33kA 13kA

Dimensions:	H	W	D
1 Pole	130	25	76.8
2 Pole		75	
3 Pole			
4 Pole		100	

Weight Kgs.	1 Pole	0.40
	2 Pole	0.70
	3 Pole	1.00

FTCEG-Frame MCCB 25 kA

Fixed Thermal - Magnetic					
1P	Ref. No.	2P	Ref. No.	3P Fixed	Ref. No.
FTCEG1016	F100712	FTCEG2016	F100724	FTCEG3016	F100736
FTCEG1020	F100713	FTCEG2020	F100725	FTCEG3020	F100737
FTCEG1025	F100714	FTCEG2025	F100726	FTCEG3025	F100738
FTCEG1032	F100715	FTCEG2032	F100727	FTCEG3032	F100739
FTCEG1040	F100716	FTCEG2040	F100728	FTCEG3040	F100740
FTCEG1050	F100717	FTCEG2050	F100729	FTCEG3050	F100741
FTCEG1063	F100718	FTCEG2063	F100730	FTCEG3063	F100742
FTCEG1070	F100719	FTCEG2070	F100731	FTCEG3070	F100743
FTCEG1080	F100720	FTCEG2080	F100732	FTCEG3080	F100744
FTCEG1090	F100721	FTCEG2090	F100733	FTCEG3090	F100745
FTCEG1100	F100722	FTCEG2100	F100734	FTCEG3100	F100746
FTCEG1125	F100723	FTCEG2125	F100735	FTCEG3125	F100747

Adjustable thermal / Fixed Magnetic	
3P adj	Ref. No.
-	-
FTCEG3020W	F100749
FTCEG3025W	F100750
FTCEG3032W	F100751
FTCEG3040W	F100752
FTCEG3050W	F100753
FTCEG3063W	F100754
FTCEG3070W	F100755
FTCEG3080W	F100756
FTCEG3090W	F100757
FTCEG3100W	F100758
FTCEG3125W	F100759

Accessories:

Shunt Trip / 380 & 240V

Under Voltage Release 38 & 2400V

Auxiliary Contacts

Alarm Switch

Handle Mechanism

Adjustable Rating (0.8 -1.0)

FTCEG (80-100) 3100

FTCEG (63-80) 3080

FTCEG (50-63) 3063

FTCEG (40-50) 3050

FTCEG (32-40) 3040

FTCEG (25-32) 3032

FTCEG (20-25) 3025

FTCEG (16-20) 3020

Frame Size F (16-225) Amperes

(Fixed thermal /Fixed Magnetic)



Product description:

Maximum continuous Ampere rating at 55°C

Standard interrupting capacity catalogue number Fixed Thermal Magnetic

Ue Maximum	240 V /	415V
I _{cu}	65kA	50kA
I _{cs}	65kA	50kA

Dimensions:	H	W	D
1 Pole	152.4	35	86
2 Pole		70	
3 Pole		105	
4 Pole		140	
Weight Kgs.	1 Pole	0.80	
	2 Pole	1.50	
	3 Pole	2.00	
	4 Pole	2.60	

FTCTF-Frame MCCB 50 kA^①

1P	Ref. No.	2P	Ref. No.	3P	Ref. No.	4P	Ref. No.
FTCF1016	F100773	FTCF2016	F100786	FTCF3016	F100802	FTCF4016	F100818
FTCF1020	F100774	FTCF2020	F100787	FTCF3020	F100803	FTCF4020	F100819
FTCF1025	F100775	FTCF2025	F100788	FTCF3025	F100804	FTCF4025	F100820
FTCF1032	F100776	FTCF2032	F100789	FTCF3032	F100805	FTCF4032	F100821
FTCF1040	F100777	FTCF2040	F100790	FTCF3040	F100806	FTCF4040	F100822
FTCF1050	F100778	FTCF2050	F100791	FTCF3050	F100807	FTCF4050	F100823
FTCF1063	F100779	FTCF2063	F100792	FTCF3063	F100808	FTCF4063	F100824
FTCF1070	F100780	FTCF2070	F100793	FTCF3070	F100809	FTCF4070	F100825
FTCF1080	F100781	FTCF2080	F100794	FTCF3080	F100810	FTCF4080	F100826
FTCF1090	F100782	FTCF2090	F100795	FTCF3090	F100811	FTCF4090	F100827
FTCF1100	F100783	FTCF2100	F100796	FTCF3100	F100812	FTCF4100	F100828
FTCF1125	F100784	FTCF2125	F100797	FTCF3125	F100813	FTCF4125	F100829
FTCF1160	F100785	FTCF2160	F100798	FTCF3160	F100814	FTCF4160	F100830
-	-	FTCF2175	F100799	FTCF3175	F100815	FTCF4175	F100831
-	-	FTCF2200	F100800	FTCF3200	F100816	FTCF4200	F100832
-	-	FTCF2225	F100801	FTCF3225	F100817	FTCF4225	F100833

FTCFH-Frame MCCB 65 kA

1P	Ref. No.	2P	Ref. No.	3P	Ref. No.	4P	Ref. No.
FTCFH1016	F100834	FTCFH2016	F100847	FTCFH3016	F100863	FTCFH4016	F100879
FTCFH1020	F100835	FTCFH2020	F100848	FTCFH3020	F100864	FTCFH4020	F100880
FTCFH1025	F100836	FTCFH2025	F100849	FTCFH3025	F100865	FTCFH4025	F100881
FTCFH1032	F100837	FTCFH2032	F100850	FTCFH3032	F100866	FTCFH4032	F100882
FTCFH1040	F100838	FTCFH2040	F100851	FTCFH3040	F100867	FTCFH4040	F100883
FTCFH1050	F100839	FTCFH2050	F100852	FTCFH3050	F100868	FTCFH4050	F100884
FTCFH1063	F100840	FTCFH2063	F100853	FTCFH3063	F100869	FTCFH4063	F100885
FTCFH1070	F100841	FTCFH2070	F100854	FTCFH3070	F100870	FTCFH4070	F100886
FTCFH1080	F100842	FTCFH2080	F100855	FTCFH3080	F100871	FTCFH4080	F100887
FTCFH1090	F100843	FTCFH2090	F100856	FTCFH3090	F100872	FTCFH4090	F100888
FTCFH1100	F100844	FTCFH2100	F100857	FTCFH3100	F100873	FTCFH4100	F100889
FTCFH1125	F100845	FTCFH2125	F100858	FTCFH3125	F100874	FTCFH4125	F100890
FTCFH1160	F100846	FTCFH2160	F100859	FTCFH3160	F100875	FTCFH4160	F100891
-	-	FTCFH2175	F100860	FTCFH3175	F100876	FTCFH4175	F100892
-	-	FTCFH2200	F100861	FTCFH3200	F100877	FTCFH4200	F100893
-	-	FTCFH2225	F100862	FTCFH3225	F100878	FTCFH4225	F100894

① Available in 40kA I_{cu}=I_{cs}

Fixed Magnetic = 5 In

Frame Size FW (16-225) Amperes

(Adjustable Thermal /Fixed Magnetic)

FTCFW - Frame MCCB 50 kA^①



3P	Ref. No.	4P	Ref. No.
FTCFW3016	F100895	FTCFW4016	F100911
FTCFW3020	F100896	FTCFW4020	F100912
FTCFW3025	F100897	FTCFW4025	F100913
FTCFW3032	F100898	FTCFW4032	F100914
FTCFW3040	F100899	FTCFW4040	F100915
FTCFW3050	F100900	FTCFW4050	F100916
FTCFW3063	F100901	FTCFW4063	F100917
FTCFW3070	F100902	FTCFW4070	F100918
FTCFW3080	F100903	FTCFW4080	F100919
FTCFW3090	F100904	FTCFW4090	F100920
FTCFW3100	F100905	FTCFW4100	F100921
FTCFW3125	F100906	FTCFW4125	F100922
FTCFW3160	F100907	FTCFW4160	F100923
FTCFW3175	F100908	FTCFW4175	F100924
FTCFW3200	F100909	FTCFW4200	F100925
FTCFW3225	F100910	FTCFW4225	F100926

FTCFWH - Frame MCCB 65 kA

3P	Ref. No.	4P	Ref. No.
FTCFWH3016	F100927	FTCFWH4016	F100943
FTCFWH3020	F100928	FTCFWH4020	F100944
FTCFWH3025	F100929	FTCFWH4025	F100945
FTCFWH3032	F100930	FTCFWH4032	F100946
FTCFWH3040	F100931	FTCFWH4040	F100947
FTCFWH3050	F100932	FTCFWH4050	F100948
FTCFWH3063	F100933	FTCFWH4063	F100949
FTCFWH3070	F100934	FTCFWH4070	F100950
FTCFWH3080	F100935	FTCFWH4080	F100951
FTCFWH3090	F100936	FTCFWH4090	F100952
FTCFWH3100	F100937	FTCFWH4100	F100953
FTCFWH3125	F100938	FTCFWH4125	F100954
FTCFWH3160	F100939	FTCFWH4160	F100955
FTCFWH3175	F100940	FTCFWH4175	F100956
FTCFWH3200	F100941	FTCFWH4200	F100957
FTCFWH3225	F100942	FTCFWH4225	F100958

Accessories:

Shunt Trip / 240 & 380V
Under Voltage Release 240 & 380V
Auxiliary Contacts
Alarm Switch
Handle Mechanism
Electrical Operator / 240V

Adjustable Rating (0.8-1.0)	Adjustable Rating (0.8-1.0)
FTCF3225T (225-200)	FTCF3063T (63-50)
FTCF3200T (200-160)	FTCF3050T (50-40)
FTCF3160T (160-125)	FTCF3040T (40-32)
FTCF3125T (125-100)	FTCF3032T (32-25)
FTCF3100T (100-80)	FTCF3025T (25-20)
FTCF3080T (80-63)	FTCF3020T (20-16)

① Available in 40kA Icu=Ics

Fixed Magnetic = 5 In

Frame Size FWJ (16-225) Amperes

(Adjustable Thermal / Adjustable Magnetic)



FTCTFWJ - Frame MCCB 50 kA^①

3P	Ref. No.	4P	Ref. No.
FTCTFWJ3016	F100760	FTCTFWJ4016	F100962
FTCTFWJ3020	F100761	FTCTFWJ4020	F100963
FTCTFWJ3025	F100762	FTCTFWJ4025	F100964
FTCTFWJ3032	F100763	FTCTFWJ4032	F100438
FTCTFWJ3040	F100764	FTCTFWJ4040	F100439
FTCTFWJ3050	F100765	FTCTFWJ4050	F100440
FTCTFWJ3063	F100766	FTCTFWJ4063	F100441
FTCTFWJ3070	F100767	FTCTFWJ4070	F100442
FTCTFWJ3080	F100768	FTCTFWJ4080	F100443
FTCTFWJ3090	F100769	FTCTFWJ4090	F100444
FTCTFWJ3100	F100770	FTCTFWJ4100	F100445
FTCTFWJ3125	F100771	FTCTFWJ4125	F100446
FTCTFWJ3160	F100772	FTCTFWJ4160	F100447
FTCTFWJ3175	F100959	FTCTFWJ4175	F100448
FTCTFWJ3200	F100960	FTCTFWJ4200	F100449
FTCTFWJ3225	F100961	FTCTFWJ4225	F100450

FTCTFWJH - Frame MCCB 65 kA

3P	Ref. No.	4P	Ref. No.
FTCTFWJH3016	F100431	FTCTFWJH4016	F102188
FTCTFWJH3020	F100432	FTCTFWJH4020	F102189
FTCTFWJH3025	F100433	FTCTFWJH4025	F102190
FTCTFWJH3032	F100434	FTCTFWJH4032	F102191
FTCTFWJH3040	F100435	FTCTFWJH4040	F102192
FTCTFWJH3050	F100436	FTCTFWJH4050	F102193
FTCTFWJH3063	F100437	FTCTFWJH4063	F102194
FTCTFWJH3070	F100424	FTCTFWJH4070	F102195
FTCTFWJH3080	F100425	FTCTFWJH4080	F102196
FTCTFWJH3090	F100426	FTCTFWJH4090	F102197
FTCTFWJH3100	F100427	FTCTFWJH4100	F102198
FTCTFWJH3125	F100428	FTCTFWJH4125	F100895
FTCTFWJH3160	F100429	FTCTFWJH4160	F103346
FTCTFWJH3175	F100430	FTCTFWJH4175	F103327
FTCTFWJH3200	F100451	FTCTFWJH4200	F103328
FTCTFWJH3225	F102187	FTCTFWJH4225	F103329

Accessories:
Shunt Trip / 240 & 380V
Under Voltage Release 240 & 380V
Auxiliary Contacts
Alarm Switch
Handle Mechanism
Electrical Operator / 240V

Adjustable Rating (0.8-1.0)	Adjustable Rating (0.8-1.0)
FTCF3225T (225-200)	FTCF3063T (63-50)
FTCF3200T (200-160)	FTCF3050T (50-40)
FTCF3160T (160-125)	FTCF3040T (40-32)
FTCF3125T (125-100)	FTCF3032T (32-25)
FTCF3100T (100-80)	FTCF3025T (25-20)
FTCF3080T (80-63)	FTCF3020T (20-16)

① Available in 40kA Icu=Ics

Adjustable Magnetic = (5-10) In

Frame Size J (125-250) Amperes

(Adjustable Thermal /Adjustable Magnetic)



Product description:
Maximum continuous Ampere rating at 55°C
Standard interrupting capacity catalogue number

Adjustable Thermal Magnetic, Changeable Trip Unit
 Ue Maximum 240 V / 415V
 Icu 85kA 65kA
 Ics 85kA 65kA

Dimensions:	H	W	D
1 Pole	165	105	68
2 Pole			
3 Pole		140	
4 Pole			

Weight Kgs.	1 Pole	5.20
	2 Pole	5.20
	3 Pole	5.20
	4 Pole	7.00

JS - Frame MCCB 36 kA ^①

1P 3p Frame	Ref. No.	2P 3P Frame	Ref. No.	3P	Ref. No.	4P	Ref. No.
JS1125	F100965	JS2125	F100971	JS3125	F100977	JS4125	F100983
JS1150	F100966	JS2150	F100972	JS3150	F100978	JS4150	F100984
JS1160	F100967	JS2160	F100973	JS3160	F100979	JS4160	F100985
JS1200	F100968	JS2200	F100974	JS3200	F100980	JS4200	F100986
JS1225	F100969	JS2225	F100975	JS3225	F100981	JS4225	F100987
JS1250	F100970	JS2250	F100976	JS3250	F100982	JS4250	F100988

JH - Frame MCCB 50 kA

1P 3p Frame	Ref. No.	2P 3P Frame	Ref. No.	3P	Ref. No.	4P	Ref. No.
JH1125	F100989	JH2125	F100995	JH3125	F101001	JH4125	F101007
JH1150	F100990	JH2150	F100996	JH3150	F101002	JH4150	F101008
JH1160	F100991	JH2160	F100997	JH3160	F101003	JH4160	F101009
JH1200	F100992	JH2200	F100998	JH3200	F101004	JH4200	F101010
JH1225	F100993	JH2225	F100999	JH3225	F101005	JH4225	F101011
JH1250	F100994	JH2250	F101000	JH3250	F101006	JH4250	F101012

Accessories:
Shunt Trip / 240 & 380V
Under Voltage Release 240 & 380V
Auxiliary Switch
Alarm Switch
Handle Mechanism Kit
Electrical Operator / 240V

Changeable Trip Unit	Ref. No.
JS3250T (250 - 225)	F101019
JS3225T (225 - 200)	F101020
JS3200T (200 - 160)	F101021
JS3160T (160 - 150)	F101022
JS3150T (150 - 125)	F101023

① Available in 40kA Icu=Ics

Fixed Magnetic = 5 In

Frame Size K (160-400) Amperes

(Adjustable Thermal /Adjustable Magnetic)

Product description:

Maximum continuous Ampere rating at 55°C

Standard interrupting capacity catalogue number

Adjustable Thermal Magnetic, changeable trip unit

Ue Maximum 240 V / 415V

Icu 85kA 50kA

Ics 85kA 50kA



Dimensions:	H	W	D
1 Pole	258	140	104
2 Pole			
3 Pole			
4 Pole		183	

Weight Kgs.	1 Pole	6.10
	2 Pole	6.10
	3 Pole	6.10
	4 Pole	7.30

FTCK - Frame MCCB 50kA

1P 3p Frame	Ref. No.	2P 3P Frame	Ref. No.	3P	Ref. No.	4P	Ref. No.
FTCK1315	F101024	FTCK2315	F101026	FTCK3315	F101028	FTCK4315	F101030
FTCK1400	F101025	FTCK2400	F101027	FTCK3400	F101029	FTCK4400	F101031

FTCKH - Frame MCCB 65kA

1P 3p Frame	Ref. No.	2P 3P Frame	Ref. No.	3P	Ref. No.	4P	Ref. No.
FTCKH1315	F101032	FTCKH2315	F101034	FTCKH3315	F101036	FTCKH4315	F101038
FTCKH1400	F101033	FTCKH2400	F101035	FTCKH3400	F101037	FTCKH4400	F101039

Accessories:
Shunt Trip / 240 & 380V
Under Voltage Release 240 & 380V
Auxiliary Switch
Alarm Switch
Handle Mechanism Kit
Electrical Operator / 240V
Lockable Devices

Changeable Trip Unit (0.8-1.0)	Ref. No.
FTCK3400T (400 - 315)	F101047
FTCK3315T (315- 250)	F101048
FTCK3250T (250 - 160)	F101049
FTCK3160T (160 - 125)	F101050

Adjustable Magnetic = (5-10)In

Electronic Trip Unit - Thermal Adjustable = (0.4-1)In
- Magnate Adjustable = (2-10)In

Farraj Trading & Manufacturing Sdn. Bhd.

1510, Jalan Bukit Tambun, 14100 Simpang Ampat,
Seberang Perai Selatan, Penang, Malaysia.

Frame Size LG (400-630) Amperes

(Adjustable Thermal /Adjustable Magnetic)



Product description:
Maximum continuous Ampere rating at 55°C
Standard interrupting capacity catalogue number

Adjustable Thermal Magnetic, changeable trip unit

Ue Maximum	240 V /	415V
Icu	85kA	65kA
Ics	85kA	65kA

Dimensions:	H	W	D
1 Pole	258	140	104
2 Pole			
3 Pole			
4 Pole		183	

Weight Kgs.	1 Pole	6.10
	2 Pole	6.10
	3 Pole	6.10
	4 Pole	7.30

FTCLG - Frame MCCB 65 kA^②

1P 3P Frame	Ref. No.	2P 3P Frame	Ref. No.	3P	Ref. No.	4P	Ref. No.
FTCLG1500	F101051	FTCLG2500	F101053	FTCLG3500	F101055	FTCLG4500	F101057
FTCLG1630	F101052	FTCLG2630	F101054	FTCLG3630	F101056	FTCLG4630	F101058

FTCLGH - Frame MCCB 85 kA

1P 3P Frame	Ref. No.	2P 3P Frame	Ref. No.	3P	Ref. No.	4P	Ref. No.
FTCLGH1500	F101059	FTCLGH2500	F101061	FTCLGH3500	F101063	FTCLGH4500	F101065
FTCLGH1630	F101060	FTCLGH2630	F101062	FTCLGH3630	F101064	FTCLGH4400	F101066

Accessories:
Shunt Trip / 240 & 380V
Under Voltage Release 240 & 380V
Auxiliary Switch
Alarm Switch
Handle Mechanism Kit
Electrical Operator / 240V

changeable Trip Unit (0.8-1.0)	Ref. No.
FTCLG3630T (630 - 500)	F101073
FTCLG3500T (500 - 400)	F101074
FTCLG3400T (400 - 315)	F101075
FTCLG3315T (315 - 250)	F101076
FTCLG3250T (250 - 200)	F101077
FTCLG3200T (200 - 160)	F101078

② Available in 50kA Icu=Ics

Adjustable Magnetic = (5-10)In

Electronic Trip Unit - Thermal Adjustable = (0.4-1)In
- Magnetic Adjustable = (2-10)In

Frame Size L (630-800) Amperes

(Adjustable Thermal /Adjustable Magnetic)



Product description:

Maximum continuous Ampere rating at 55°C

Standard interrupting capacity catalogue number

Adjustable Thermal Magnetic, changeable trip unit

Ue Maximum	240 V /	415V
Icu	85kA	65kA
Ics	85kA	65kA

Dimensions:	H	W	D
1 Pole	275	210	105
2 Pole			
3 Pole			
4 Pole		280	

Weight Kgs.	1 Pole	11.30
	2 Pole	11.30
	3 Pole	11.30
	4 Pole	14.40

LH - Frame MCCB 65 kA ^②

1P 3P Frame	Ref. No.	2P 3P Frame	Ref. No.	3P	Ref. No.	4P	Ref. No.
LH1630	F101079	LH2630	F101081	LH3630	F101083	LH4630	F101085
LH1800	F101080	LH2800	F101082	LH3800	F101084	LH4800	F101086

Accessories:
Shunt Trip /240&380V
Under voltage Release 240&380V
Auxiliary Switch
Alarm Switch
Handle Mechanism Kit
Electrical operator / 240V

changeable Trip Unit	Ref. No.
LH3800T (800 - 700)	F101101
LH3700T (700 - 630)	F101102
LH3630T (630 - 500)	F101103
LH3500T (500 - 400)	F101104

② Available in 50kA Icu=Ics

Adjustable Magnetic = (5-10)In

Electronic Trip Unit - Thermal Adjustable = (0.4-1)In
- Magnate Adjustable = (2-10)In

Frame size N (800 - 1600) Amperes (Electronic Adjustable)



Product description:

Maximum continuous Ampere rating at -5°C to + 60°C

Standard interrupting capacity catalogue number

Adjustable Thermal Magnetic, changeable trip unit

Ue Maximum 240 V/ 415V

Icu 85kA 50kA

Ics 85kA 50kA

Dimensions:	H	W	D
2 Pole	406	210	140
3 Pole		210	
4 Pole		280	

Weight Kgs.	2 Pole	21.3 Kg
	3 Pole	21.3 Kg
	4 Pole	28.3 Kg

FTCN-Frame MCCB 50 kA

2P 3P Frame	Ref. No.	3P Frame	Ref. No.	4P Frame	Ref. No.
FTCN2800	F102284	FTCN3800	F102288	FTCN4800	F102292
FTCN2100	F102285	FTCN3100	F102289	FTCN4100	F102293
FTCN2125	F102286	FTCN3125	F102290	FTCN4125	F102294
FTCN2160	F102287	FTCN3160	F102291	FTCN4160	F102295

FTCNH-Frame MCCB 65 kA

2P 3P Frame	Ref. No.	3P Frame	Ref. No.	4P Frame	Ref. No.
FTCNH2800	F102296	FTCNH3800	F102300	FTCNH4800	F102304
FTCNH2100	F102297	FTCNH3100	F102301	FTCNH4100	F102305
FTCNH2125	F102298	FTCNH3125	F102302	FTCNH4125	F102306
FTCNH2160	F102299	FTCNH3160	F102303	FTCNH4160	F102307

Accessories:

Shunt Trip/240&380V
Under voltage Release 240&380V
Auxiliary Switch
Alarm Switch
Handle Mechanism Kit
Electrical operator /240V

Changeable Fixed Rating plug	Ref. No.	Adjustable Rating plug	Ref. No.
700-800-1000-1250-1600	F102314	400-500-630-700-800	F102318
630-700-800-1000-1250	F102315	500-630-700-800-1000	F102319
500-630-700-800-1000	F102316	630-700-800-1000-1250	F102320
400-500-630-700-800	F102317	800-1000-1250-1600	F102321

	LS	LSI	LSG	LSIG
Short Time Range	2-8 X In	2-8 X In	2-8 X In	2-8 X In
Short time Delay	-	0-300ms	-	0-300ms
Ground Fault Pickup	-	-	200-1200A	200-1200A
Ground Fault Delay	-	-	0-500ms	0-500ms

L- Adjustable long delay pickup (by adjustable rating plug)

I – Adjustable Instantaneous pickup by setting short delay time to instantaneous

S- Adjustable short delay pickup with fixed short delay time (I2t Response) or adjustable short delay time (Flat Response)

G – Adjustable ground fault pickup with adjustable ground fault delay (flat response)