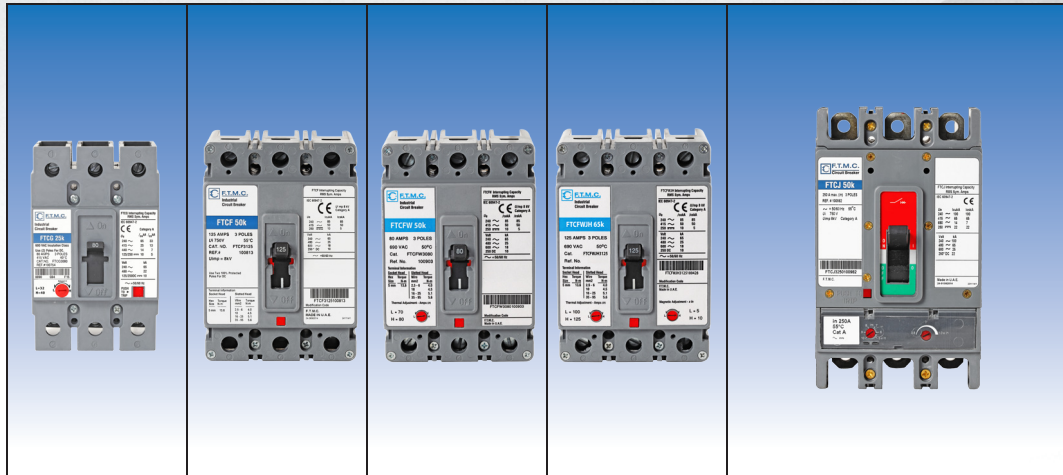


Moulded Case Circuit Breaker

Electrical Characteristics

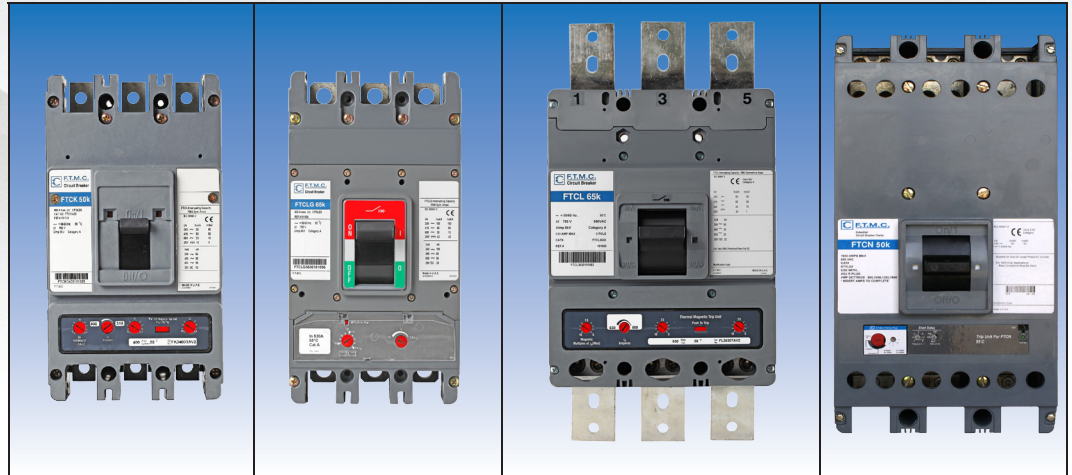


		G			F						J		
Maximum Rated Current (A)		16-125A			16-225A						63-250A		
Breaker Type		FTCG	FTCG	FTCF	FTCFH	FTCFW	FTCFWH	FTCFWJ	FTCFWJH	FTCJ	FTCJH		
Breaker Capacity (kA rms) AC 50-60 Hz													
IEC 947-2	220-240	I_{CU}	65	65	65	100	100	100	65	100	85	100	
	VAC	I_{CS}	32	35	65	100	100	100	65	100	85	100	
	380-415	ICU	25	25	50 ^①	65	50 ^①	65	50 ^①	65	65 ^{①②}	85	
	VAC	ICS	13	13	50	65	50	65	50	65	65	85	
	250	I_{CU}	10	10	10	10	10	20	10	20	10	20	
VDC	I_{CS}	5	5	5	5	5	10	5	10	5	10		
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 Fixed Magnetic Adjustable Thermal			Fixed Thermal - Magnetic Adjustable Thermal- Magnetic Adjustable Thermal/ Fixed Magnetic						Fixed Thermal /Adjustable Magnetic 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			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	86	35	177.8	105	104	140	x	
	2- Pole		50.8				70					x	
	3- Pole		76.2				105					x	
	4- Pole	x	x	x			x						

① Available in 40kA $I_{cu}=I_{cs}$ ② Available in 50kA $I_{cu}=I_{cs}$

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	FTCL		FTCLH	FTCN		FTCNH	
Breaker Capacity (kA rms) AC 50-60 Hz														
IEC 947-2	220-240	I_{CU}	85	100	85	100	85	100	85	100	85	100		
	VAC	I_{CS}	85	100	85	100	85	100	85	100	85	100		
	380-415	ICU	50	65	65 ^②	85	65 ^②	85	50	65				
	VAC	ICS	50	65	65	85	65	85	50	65				
250	I_{CU}	10	20	20	20	20	20	20	-	-				
	I_{CS}	5	10	10	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			 Adjustable Thermal Magnatic			 Adjustable Thermal Magnatic			 Adjustable Electronic			
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	Line	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 (mm)		H	W	D	H	W	D	H	W	D	H	W	D	
	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	400-630 = 273		210	104	406	210	140
	4- Pole							700-800A=406						

② Available in 50kA $I_{cu}=I_{cs}$