















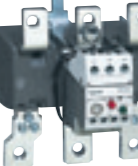



3-pole contactors CTX³ and thermal overload relays RTX³

technical characteristics

																																																																				
Contactor		CTX ³ mini				CTX ³ 22				CTX ³ 40		CTX ³ 65		CTX ³ 100			CTX ³ 150		CTX ³ 225		CTX ³ 400			CTX ³ 800																																												
Size		-				2				3		4		5			6		7		8			9																																												
Terminals type		screw				screw				screw		screw or cage		screw or cage			screw or cage		screw		screw			screw																																												
Rated operational voltage, U _e		690 V				690 V				690 V		690 V		690 V			690 V		690 V		690 V			690 V																																												
Rated insulation voltage, U _i		690 V				690 V				1000 V		1000 V		1000 V			1000 V		1000 V		1000 V			1000 V																																												
Rated frequency		50/60 Hz				50/60 Hz				50/60 Hz		50/60 Hz		50/60 Hz			50/60 Hz		50/60 Hz		50/60 Hz			50/60 Hz																																												
Rated impulse withstand voltage, U _{imp}		6 kV				6 kV				8 kV		8 kV		8 kV			8 kV		8 kV		8 kV			8 kV																																												
Max. operating rate in operation cycle per hour (AC-3)		1800				1800				1800		1800		1800			1200		1200		1200			1200																																												
Durability in millions of operations		Mechanical				12				15		12		12		12			5		5		5			2.5																																										
		Electrical				1				2.5		2		2		2			1		1		1			0.5																																										
		Type				6 A				9 A		12 A		16 A		9 A			12 A		18 A		22 A			32 A			40 A																																							
Current and power		AC-1		Thermal current (A)				20				20		20		20		25			25		40		40			50			60																																					
		AC-3		200/240 V (kW)		1.5				2.2		3		4		2.5			3.5		4.5		5.5			7.5			11			15			18.5																																	
				(A)		7				9		12		15		11			13		18		22			32			40			55			65																																	
		380/440 V (kW)		(A)		2.2				4		5.5		7.5		4			5.5		7.5		11			15			18.5			22			30			37			45			55																								
				(A)		6				9		12		16		9			12		18		22			32			40			50			65			75			85			105																								
		500/550 V (kW)		(A)		3				3.7		4		5.5		4			7.5		7.5		15			18.5			22			30			33			37			45			55																								
				(A)		5				6		7		9		7			12		13		20			28			32			43			60			64			75			85																								
		690 V (kW)		(A)		3				4		4		4		4			7.5		7.5		15			18.5			22			30			33			37			45			55																								
				(A)		4				5		5		5		5			9		9		18			20			23			28			35			42			45			65																								
		1000 V (kW)		(A)		-				-		-		-		-			-		-		-			22			22			30			30			37			27			37																								
(A)				-				-		-		-		-			-		-		-			17			17			23			23			28			28			28																										
UL rating 50/60 Hz		Continuous current (A)				20				20		20		20		25			25		40		40			50			60			70			100			110			135		160		160		210		230		275		300		350		450		580		660		900					
		Single phase		110/220 V (HP)		1/2				1/2		1		-		0.5			0.75		1		2			2			3			3			5			5			7.5		10		10		15		20		25		30		30													
				220/240 V (HP)		1				1.5		2		-		1.5			2		3		3			5			7.5			10			15			15		20		20		25		30		40		40																		
		Three phase		200/208 V (HP)		-				-		-		-		2			3		5		7.5			7.5			15			15			20		25		25		30		30		40		40		60		60		75		100		125		150		200		200					
				220/240 V (HP)		1.5				3		3		-		3			5		7.5		10			10			15			15			20		30		30		40		40		50		60		75		100		125		150		200		250		300		400		500		600	
				440/480 V (HP)		3				5		7.5		-		5			7.5		10			15			20			30			30			40		50		50		60		75		100		125		150		200		250		300		400		500		600						
550/600 V (HP)				3				5		7.5		-		7.5			10		15			20			25			30			30			40		50		50		60		75		100		125		150		200		250		300		400		500		600								
NEMA size		00				00		00		0		00			00		0			1			1			1			1			2		2		2		3		3		3		4		4		4		5		5		5		6		6		7								
Weight and size		AC control		Weight (kg)				0.17				0.17		0.17		0.17		0.17			0.17		0.17		0.17			0.17			0.17		0.17		0.17		0.17		0.17		0.17		0.17		0.17		0.17		0.17		0.17																	
		DC control		Size (W x H x D) (mm)				45 x 58 x 57				45 x 58 x 57		45 x 58 x 57		45 x 58 x 57		45 x 58 x 57			45 x 58 x 57		45 x 58 x 57		45 x 58 x 57			45 x 58 x 57			45 x 58 x 57		45 x 58 x 57		45 x 58 x 57		45 x 58 x 57		45 x 58 x 57		45 x 58 x 57		45 x 58 x 57		45 x 58 x 57		45 x 58 x 57		45 x 58 x 57																			
		Integrated auxiliary contacts				1 NO or 1 NC				1 NO or 1 NC		1 NO or 1 NC		1 NO or 1 NC		1 NO or 1 NC			1 NO or 1 NC		1 NO or 1 NC		1 NO or 1 NC			1 NO or 1 NC			1 NO or 1 NC		1 NO or 1 NC		1 NO or 1 NC		1 NO or 1 NC		1 NO or 1 NC		1 NO or 1 NC		1 NO or 1 NC		1 NO or 1 NC		1 NO or 1 NC		1 NO or 1 NC		1 NO or 1 NC																			
Add on auxiliary block		Side mounting				Yes				Yes		Yes		Yes		Yes			Yes		Yes		Yes			Yes			Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes																					
		Front mounting				Yes				Yes		Yes		Yes		Yes			Yes		Yes		Yes			Yes			Yes		No		No		No		No		No		No		No		No																							
Thermal overload relay		RTX ³ mini				RTX ³ 40				RTX ³ 40		RTX ³ 65		RTX ³ 100			RTX ³ 150		RTX ³ 225		RTX ³ 400			RTX ³ 800																																												
																																																																				
Terminals type		Standard RTX ³				-				screw		screw		screw		screw			screw		-		screw			screw			screw		screw		screw		screw		screw		screw																													
		Differential RTX ³				screw				screw		screw		cage		cage			screw		screw		screw			screw			screw		screw		screw		screw		screw																															
Rated operational voltage, U _e		690 V				690 V				690 V		690 V		690 V		690 V			690 V		690 V		690 V			690 V			690 V		690 V		690 V		690 V		690 V		690 V																													
Rated insulation voltage, U _i		690 V				690 V				690 V		690 V		690 V		690 V			690 V		690 V		690 V			690 V			690 V		690 V		690 V		690 V		690 V		690 V																													
Rated impulse withstand voltage, U _{imp}		6 kV				6 kV				6 kV		6 kV		6 kV		6 kV			6 kV		6 kV		6 kV			6 kV			6 kV		6 kV		6 kV		6 kV		6 kV		6 kV																													
Trip class		10 A				10 A				10 A		10 A		10 A		10 A			10 A		10 A		10 A			10 A			10 A		10 A		10 A		10 A		10 A																															
Setting		0.1 to 16 A				0.1 to 40 A				0.1 to 40 A		0.1 to 40 A		9 to 65 A		18 to 100 A			45 to 150 A		65 to 240 A		85 to 400 A			200 to 800 A																																										
Weight and size		Weight (kg)				0.1				0.17		0.17		0.31/0.33		0.48/0.5			0.67		2.5		2.6			11.5																																										
		Size (W x H x D) (mm)				45 x 73 x 63				45 x 75 x 90		45 x 75 x 90		55 x 81 x 100		70 x 97 x 110			95 x 109 x 113		147 x 141 x 184		151 x 171 x 198			360 x 530 x 212																																										