













Type of contactor		CRMI05	CRMI09	CRNI09	CRNI12	
		NEW product 	NEW product 	NEW product 	NEW product 	
						
Auxiliary contacts NO NC						
Ordering codes		• three-pole CRMI05-30-10-... 1 - • three-pole CRMI05-30-01-... - 1 • four-pole CRMI05-40-00-... - -	• three-pole CRMI09-30-10-... 1 - • three-pole CRMI09-30-01-... - 1 • four-pole CRMI09-40-00-... - -	• three-pole CRNI09-30-10-... 1 - • three-pole CRNI09-30-01-... - 1 • four-pole CRNI09-40-00-... - -	• three-pole CRNI12-30-10-... 1 - • three-pole CRNI12-30-01-... - 1 • four-pole CRNI12-40-00-... - -	
Insulation rated voltage [V]		690	690	690	690	
Rated operating current (380 V)	AC3	5	9	9	12	
	AC4	1,9	2,6	3,3	4,3	
Rated outputs of three phase motors at 50 Hz [kW]	AC3	230/220 V	1,3	2,4	2,4	3,3
		400/380 V	2,2	4	4	5,5
		500 V	2,9	4	5,5	7,5
	AC4	690/660 V	3,8	4	5,5	7,5
		1000 V	-	-	-	-
		400/380 V	0,81	1,10	1,48/1,4	2/1,9
Mechanical life (x 10 ⁶)		AC 10	10	15	15	
Electrical life (x 10 ⁶)	AC3	0,8	0,4	1,2	1,2	
	AC4	0,2	0,2	0,2	0,2	
Maximum switching frequency (1/h)	AC3	1000	1000	1000	1000	
	AC4	-	-	250	250	
Range of supply coil voltage		(0,8 - 1,1) U _s	(0,8 - 1,1) U _s	(0,8 - 1,1) U _s	(0,8 - 1,1) U _s	
Power consumption of AC coil (50 Hz)	closing [VA]	15	15	68	68	
	cosφ at closing	0,41	0,41	0,82	0,82	
	closed [VA]	6,8	6,8	10	10	
	cosφ at closed	0,42	0,42	0,29	0,29	
Conventional thermal current I _{th} of operating / main contacts [A]		16	16	20	20	
Conventional thermal current I _{th} of auxiliary contacts [A]		10	10	10	10	
Rated insulation voltage of auxiliary contacts [V]		690	690	690	690	
Rated operating current of auxiliary contacts [A]	AC15	-/4	-/4	6/10	6/10	
	380/220 V					
	DC13	0,5/0,3	0,5/0,3	0,9/0,45	0,9/0,45	
Weight [kg]	three-pole	0,18	0,18	0,37	0,37	
	four-pole	0,19	0,19	0,37	0,37	

Coil markings supplement the relays ordering codes.













① A024 - 24 V AC 50 Hz
 A230 - 230 V AC 50 Hz
 ② A230 - 230 V AC 50 Hz
 For other voltages, contact Relpol S.A.

Coil of contactor 50 Hz

Operating at	50 Hz	60 Hz
	24 V	29 V
	230 V	277 V

Thermal overload relays

Type of thermal overload relay	RSTM	RSTM	RSTN1	RSTN1
Module for installing as a single unit	CRI-310	CRI-310	-	-
Relay base for installing as a single unit	-	-	CRI-320	CRI-320

Type of contactor		CRMI05	CRMI09	CRNI09	CRNI12	
		NEW product 	NEW product 	NEW product 	NEW product 	
						
Auxiliary contacts						
NO NC	Contactors:	NO NC	NO NC	NO NC	NO NC	
Ordering codes	• three-pole • four-pole	CRMI05-30-10-... CRMI05-40-00-...	CRMI09-30-10-... CRMI09-40-00-...	CRNI09-30-00-... CRNI09-40-00-...	CRNI12-30-00-... CRNI12-40-00-...	
		1 - - -	1 - - -	- - - -	- - - -	
Insulation rated voltage [V]		690	690	690	690	
Rated operating current (380 V)	AC3	5	9	9	12	
	AC4	1,9	2,6	3,3	4,3	
Rated outputs of three phase motors at 50 Hz [kW]	AC3	230/220 V	1,3	2,4	2,4	3,3
		400/380 V	2,2	4	4	5,5
		500 V	2,9	4	5,5	7,5
	AC4	690/660 V	3,8	4	5,5	7,5
		1000 V	-	-	-	-
		400/380 V	0,81	1,10	1,48/1,4	2/1,9
	690/660 V	0,86	1,10	2,54/2,4	3,45/3,3	
Mechanical life (x 10 ⁶)	DC	20	20	15	15	
Electrical life (x 10 ⁶)	AC3	0,8	0,4	1,2	1,2	
	AC4	0,2	0,2	0,2	0,2	
Maximum switching frequency (1/h)	AC3	1000	1000	1000	1000	
	AC4	250	250	250	250	
Range of supply coil voltage		(0,8 - 1,1) U _s	(0,8 - 1,1) U _s	(0,8 - 1,1) U _s	(0,8 - 1,1) U _s	
Power consumption of DC coil	closing [W]	3	3	6,2	6,2	
	closed [W]	3	3	6,2	6,2	
Conventional thermal current I _{th} of operating / main contacts [A]		16	16	20	20	
Conventional thermal current I _{th} of auxiliary contacts [A]		10	10	10	10	
Rated insulation voltage of auxiliary contacts [V]		690	690	690	690	
Rated operating current of auxiliary contacts [A]	AC15	-/4	-/4	6/10	6/10	
	380/220 V					
	DC13	0,5/0,3	0,5/0,3	0,9/0,45	0,9/0,45	
	110/220 V					
Weight [kg]	three-pole	0,22	0,22	0,58	0,58	
	four-pole	0,22	0,22	0,58	0,58	

Coil markings supplement the relays ordering codes.

❶ D024 - 24 V DC

For other voltages, contact Relpol S.A.

Thermal overload relays

Type of thermal overload relay	RSTM	RSTM	RSTN1	RSTN1
Module for installing as a single unit	CRI-310	CRI-310	-	-
Relay base for installing as a single unit	-	-	CRI-320	CRI-320