MPX³
CTX³
RTX³



UNCOMPROMISING PERFORMANCE FOR MOTOR PROTECTION AND CONTROL

CATALOGUE PAGES → INSIDE

THE GLOBAL SPECIALIST
IN ELECTRICAL AND DIGITAL BUILDING INFRASTRUCTURES

legrand®

Thermal relays RTX³

for CTX³ 3-pole industrial contactors


4 166 70


4 166 90



4 167 31



4 167 65

Dimensions **p. 42-43**
Tripping curves **p. 46-49**

Thermal protection against overloads, long starting times and lasting stalling of the motor
Differential type ensures a better protection in case of one phase failure thanks to faster tripping
Conform to IEC 60 947-1, IEC 60 947-4-1

Thermal overload relays

Class 10A
Integrated auxiliary contacts 1 NO + 1 NC

RTX³ 40

For CTX³ 22 and 40
With screw terminals

Pack	Cat. Nos Type standard	Cat. Nos Type diff.	Adjustment range I min. (A)	Adjustment range I max. (A)
1	4 166 40	4 166 60	0.1	0.16
1	4 166 41	4 166 61	0.16	0.25
1	4 166 42	4 166 62	0.25	0.4
1	4 166 43	4 166 63	0.4	0.63
1	4 166 44	4 166 64	0.63	1
1	4 166 45	4 166 65	1	1.6
1	4 166 46	4 166 66	1.6	2.5
1	4 166 47	4 166 67	2.5	4
1	4 166 48	4 166 68	4	6
1	4 166 49	4 166 69	5	8
1	4 166 50	4 166 70	6	9
1	4 166 51	4 166 71	7	10
1	4 166 52	4 166 72	9	13
1	4 166 53	4 166 73	12	18
1	4 166 54	4 166 74	16	22
1	4 166 55	4 166 75	18	25
1	4 166 56	4 166 76	22	32
1	4 166 57	4 166 77	28	40

RTX³ 65

For CTX³ 65
Standard type with screw terminals
Differential type with cage terminals

1	4 166 83	4 167 03	9	13
1	4 166 84	4 167 04	12	18
1	4 166 85	4 167 05	16	22
1	4 166 86	4 167 06	18	25
1	4 166 87	4 167 07	24	36
1	4 166 88	4 167 08	28	40
1	4 166 89	4 167 09	34	50
1	4 166 90	4 167 10	45	65

Thermal overload relays (continued)

Class 10A
Integrated auxiliary contacts 1 NO + 1 NC

RTX³ 100

For CTX³ 100
Standard type with screw terminals
Differential type with cage terminals

Pack	Cat. Nos Type standard	Cat. Nos Type diff.	Adjustment range I min. (A)	Adjustment range I max. (A)
1	4 167 23	4 167 43	18	25
1	4 167 24	4 167 44	24	36
1	4 167 25	4 167 45	28	40
1	4 167 26	4 167 46	34	50
1	4 167 27	4 167 47	45	65
1	4 167 28	4 167 48	54	75
1	4 167 29	4 167 49	63	85
1	4 167 30	4 167 50	70	95
1	4 167 31	4 167 51	80	100

RTX³ 150

For CTX³ 150
Standard type with screw terminals
Differential type with cage terminals

1	4 167 60	4 167 70	45	65
1	4 167 61	4 167 71	54	75
1	4 167 62	4 167 72	63	85
1	4 167 63	4 167 73	80	105
1	4 167 64	4 167 74	95	130
1	4 167 65	4 167 75	110	150

Separate mounting units

To mount the relays separately from contactors, on DIN rail or panel by fixing screws

Pack	Cat. Nos	
1	4 165 91	For RTX³ 40 up to 32 A
1	4 165 92	For RTX³ 40 40 A
1	4 165 93	For RTX³ 65 with screw terminals
1	4 165 94	For RTX³ 65 with cage terminals
1	4 165 95	For RTX³ 100 with screw terminals
1	4 165 96	For RTX³ 100 with cage terminals
1	4 165 97	For RTX³ 150 with screw terminals
1	4 165 98	For RTX³ 150 with cage terminals

MPX³ MPCBs
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