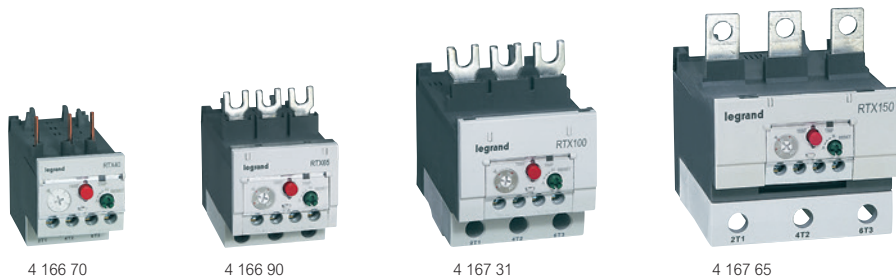


# Thermal relays RTX<sup>3</sup>

for CTX<sup>3</sup> 3-pole industrial contactors



Technical characteristics **p. 188**  
 Dimensions and coordination with circuit breakers **see e-catalogue**

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

Pack	Cat.Nos		Thermal overload relays	
			Class 10A Integrated auxiliary contacts 1 NO + 1 NC	
			<b>RTX<sup>3</sup> 40</b> For CTX <sup>3</sup> 22 and 40 With screw terminals	
			Adjustment range	
	Type		I min. (A)	I max. (A)
	standard   diff.			
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
			<b>RTX<sup>3</sup> 65</b> For CTX <sup>3</sup> 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

Pack	Cat. Nos		Thermal overload relays (continued)	
			Class 10A Integrated auxiliary contacts 1 NO + 1 NC	
			<b>RTX<sup>3</sup> 100</b> For CTX <sup>3</sup> 100 Standard type with screw terminals Differential type with cage terminals	
			Adjustment range	
	Type		I min. (A)	I max. (A)
	standard   diff.			
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
			<b>RTX<sup>3</sup> 150</b> For CTX <sup>3</sup> 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
			<b>Separate mounting units</b> To mount the relays separately from contactors, on DIN rail or panel by fixing screws	
1	4 165 91		For RTX <sup>3</sup> 40 up to 32 A	
1	4 165 92		For RTX <sup>3</sup> 40 40 A	
1	4 165 93		For RTX <sup>3</sup> 65 with screw terminals	
1	4 165 94		For RTX <sup>3</sup> 65 with cage terminals	
1	4 165 95		For RTX <sup>3</sup> 100 with screw terminals	
1	4 165 96		For RTX <sup>3</sup> 100 with cage terminals	
1	4 165 97		For RTX <sup>3</sup> 150 with screw terminals	
1	4 165 98		For RTX <sup>3</sup> 150 with cage terminals	

