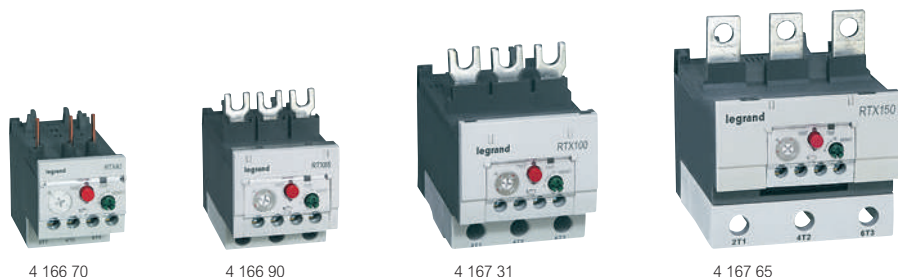


# Thermal relays RTX<sup>3</sup>

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



Technical characteristics **p. 196**  
 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	

For dimensions and coordination  
with circuit breakers  
**see e-catalogue**

