

Thermal Overload Relays - RTX³ and Mounting units

Cat. N°(s) : 4 166 40..57/60..77/83..90/4 167 03..10/23..31/
4 167 43..51/60..65/70..75/80..84/86..95

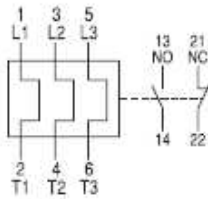


CONTENTS	PAGES
1. Description - Use	1
2. Range	1
3. Overall dimensions	1
4. Installation - Connection	2
5. General characteristics	3
6. Conformities and approvals	10
7. Curves	11
8. Auxiliaries and accessories	18

1. DESCRIPTION - USE

They ensure the thermal protection of circuits, against overload and long starting times.

Symbol:



2. RANGE

Number of Poles:

. Triple pole (3P).

Setting range:

RTX ³ 40	0.1 to 40 [A]
RTX ³ 65	9 to 65 [A]
RTX ³ 100	18 to 100 [A]
RTX ³ 150	45 to 150 [A]
RTX ³ 225	65 to 240 [A]
RTX ³ 400	85 to 400 [A]
RTX ³ 800	200 to 800 [A]

Rated operational voltage:

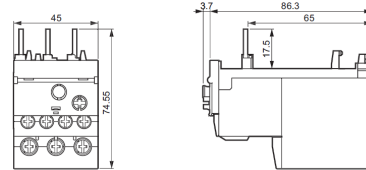
. U_e = 690 [V] for all products.

Rated frequency:

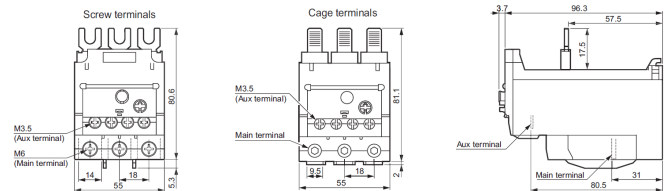
. 50 / 60 [Hz].

3. OVERALL DIMENSIONS

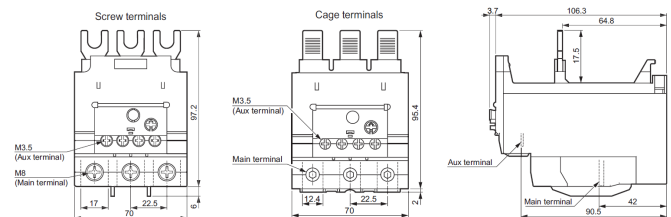
RTX³ 40:



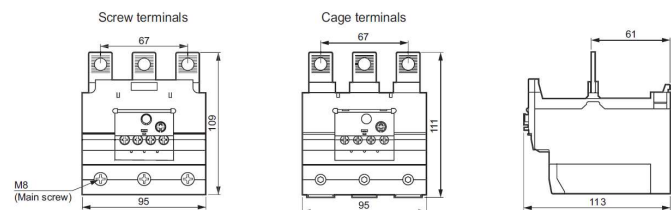
RTX³ 65:



RTX³ 100:



RTX³ 150:

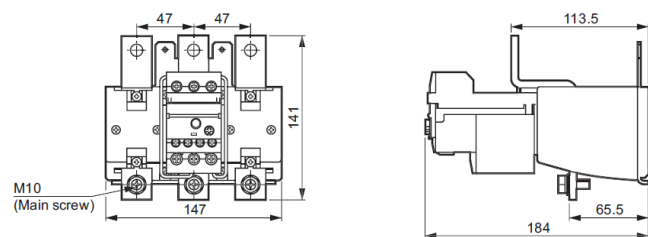


Thermal Overload Relays - RTX³ and Mounting units

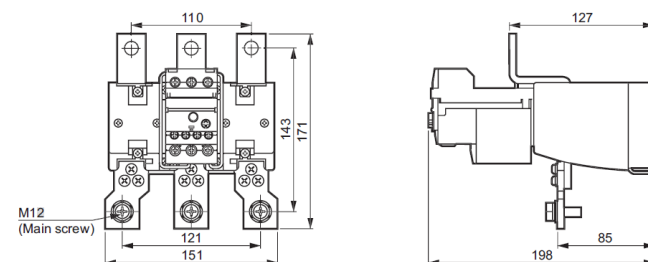
Cat. N°(s) : 4 166 40..57/60..77/83..90/4 167 03..10/23..31/
4 167 43..51/60..65/70..75/80..84/86..95

3. OVERALL DIMENSIONS (continued)

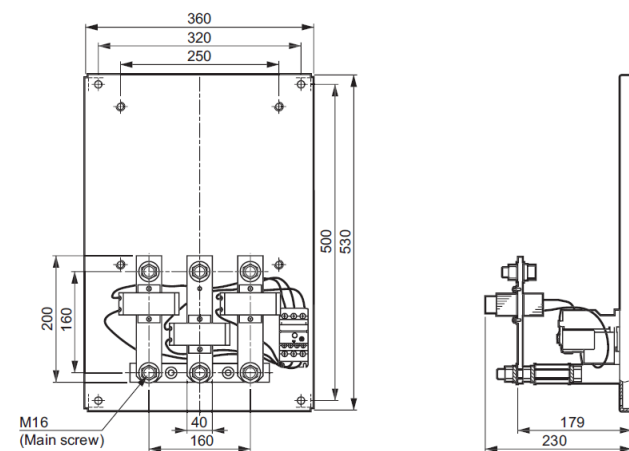
RTX³ 225:



RTX³ 400:



RTX³ 800:



4. INSTALLATION - CONNECTION

Mounting position:

- . Vertical plane.
- . Direct connection beneath CTX³ contactors.

Operating position:

- . ± 30 [°] possible, in relation to normal vertical mounting plane.

Supply:

- . Either from the top or the bottom.

4. INSTALLATION - CONNECTION (continued)

Connection : (until RTX³ 150)

- . Terminals protected against direct contact (IP20).
- . Terminals with release and captive screws.
- . Screw head : slotted and pozidriv n°2.

Tools required:

- . Pozidriv N°2 screwdriver recommended.
- . Pozidriv N°3 screwdriver for RTX³ 65 / 100 and 150.
- . Flat screwdriver $\varnothing 5$ to $\varnothing 6$ [mm] Maximum.
- . Hexagonal key (for RTX³ 65 with cage terminals).
- . Hexagonal key (for RTX³ 100 / 150 with cage terminals).
- . Flat spanner for M10 bolt (for RTX³ 225).
- . Flat spanner for M12 bolt (for RTX³ 400).
- . Flat spanner for M16 bolt (for RTX³ 800).

Thermal Overload Relays - RTX³ and Mounting units

Cat. N°(s) : 4 166 40..57/60..77/83..90/4 167 03..10/23..31/4 167 43..51/60..65/70..75/80..84/86..95

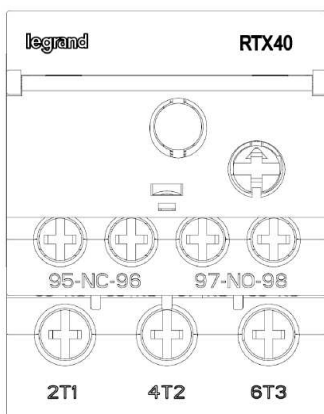
5. GENERAL CHARACTERISTICS

Front side:

. By dark grey laser or pad printing:

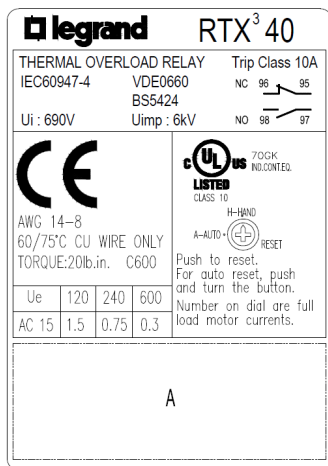
- Brand: Legrand
- Range: RTX + frame
- Rated current (in A)
- Marking power terminals

RTX³ 40: (Example of marking)



Left side:

. By identification label.



. Example area "A":

- Catalog number
- Rating
- Approval marks
- Made in
- Production date

5. GENERAL CHARACTERISTICS (continued)

Rated impulse voltage and rated insulation voltage:

Type of products	Rated impulse voltage (Uimp)	Rated insulation voltage (Ui)
RTX ³ 40	6 [kV]	Up to 690 [V]
RTX ³ 65	6 [kV]	Up to 690 [V]
RTX ³ 100	6 [kV]	Up to 690 [V]
RTX ³ 150	6 [kV]	690 [V]
RTX ³ 225	6 [kV]	690 [V]
RTX ³ 400	6 [kV]	690 [V]
RTX ³ 800	6 [kV]	690 [V]

Ambient operating temperature:

. Min. = -5°C. Max. = +40°C.

Ambient storage temperature:

. Min. = -55°C. Max. = +80°C.

Temperature compensation:

. Min. = -5°C. Max. = +40°C.

Weight:

RTX ³ 40	0.17 [kg]
RTX ³ 65	0.31/ 0.33 [kg]
RTX ³ 100	0.48 / 0.5 [kg]
RTX ³ 150	0.67 [kg]
RTX ³ 225	2.5 [kg]
RTX ³ 400	2.6 [kg]
RTX ³ 800	11.5 [kg]

Degree of protection: (In accordance with IEC 60 529 standard)

. IP20.

Flame resistance:

- . Conforming to UL = V0.
- . Conforming to IEC 695-2-1 = 960 [°C].

Shock resistance: (Conforming to IEC 68-2-7)

. 15 [gn] - 11 [ms].

Vibration resistance: (Conforming to IEC 68-2-6)

. 6 [g].

Trip class:

. Class 10A.

Functions:

- . Trip indicating.
- . Stop.
- . Test.
- . Manual / Automatic reset.

Thermal Overload Relays - RTX³ and Mounting units

Cat. N°(s) : 4 166 40..57/60..77/83..90/4 167 03..10/23..31/
4 167 43..51/60..65/70..75/80..84/86..95

5. GENERAL CHARACTERISTICS *(continued)*

Coordination:

- . Trip class 10A.
- . Terminal type: screw.

Setting range - [A]	Thermal Overload Relay - RTX ³	Contactors - CTX ³	Separate Mounting unit
0.1 to 0.16	RTX ³ 40	CTX ³ 22 CTX ³ 40	4 165 91
0.16 to 0.25			
0.25 to 0.4			
0.4 to 0.63			
0.63 to 1			
1 to 1.6			
1.6 to 2.5			
2.5 to 4			
4 to 6			
5 to 8			
6 to 9			
7 to 10			
9 to 13			
12 to 18			
16 to 22			
28 to 25			
22 to 32			
28 to 40			
			4 165 92

- . Terminal type: screw and cage.

Setting range - [A]	Thermal Overload Relay - RTX ³	Contactors - CTX ³	Separate Mounting unit
9 to 13	RTX ³ 65	CTX ³ 65	4 165 93 (Screw) 4 165 94 (Cage)
12 to 18			
16 to 22			
18 to 25			
24 to 36			
28 to 40			
34 to 50			
45 to 65			

Thermal Overload Relays - RTX³ and Mounting units

Cat. N°(s) : 4 166 40..57/60..77/83..90/4 167 03..10/23..31/
4 167 43..51/60..65/70..75/80..84/86..95

5. GENERAL CHARACTERISTICS *(continued)*

Coordination: *(continued)*

- . Trip class 10A.
- . Terminal type: screw and cage.

Setting range - [A]	Thermal Overload Relay - RTX ³	Contactor - CTX ³	Separate Mounting unit
18 to 25	RTX ³ 100	CTX ³ 100	4 165 95 (Screw) 4 165 96 (Cage)
24 to 36			
28 to 40			
34 to 50			
45 to 65			
54 to 75			
63 to 85			
70 to 95			
80 to 100			

Setting range - [A]	Thermal Overload Relay - RTX ³	Contactor - CTX ³	Separate Mounting unit
45 to 65	RTX ³ 150	CTX ³ 150	4 165 97 (Screw) 4 165 98 (Cage)
54 to 75			
63 to 85			
80 to 105			
95 to 130			
110 to 150			

- . Terminal type: screw and cage.

Setting range - [A]	Thermal Overload Relay - RTX ³	Contactor - CTX ³	Separate Mounting unit
65 to 100	RTX ³ 225	CTX ³ 225	-
85 to 125			
100 to 160			
120 to 185			
160 to 240			

Thermal Overload Relays - RTX³ and Mounting units

Cat. N°(s) : 4 166 40..57/60..77/83..90/4 167 03..10/23..31/
4 167 43..51/60..65/70..75/80..84/86..95

5. GENERAL CHARACTERISTICS *(continued)*

Coordination: *(continued)*

- . Trip class 10A.
- . Terminal type: screw.

Setting range - [A]	Thermal Overload Relay - RTX ³	Contactactor - CTX ³	Separate Mounting unit
85 to 125	RTX ³ 400	CTX ³ 400	-
100 to 160			
120 to 185			
160 to 240			
200 to 330			
260 to 400			

Setting range - [A]	Thermal Overload Relay - RTX ³	Contactactor - CTX ³	Separate Mounting unit
200 to 330	RTX ³ 800	CTX ³ 800	-
260 to 400			
400 to 630			
520 to 800			

Thermal Overload Relays - RTX³ and Mounting units

Cat. N°(s) : 4 166 40..57/60..77/83..90/4 167 03..10/23..31/
4 167 43..51/60..65/70..75/80..84/86..95

5. GENERAL CHARACTERISTICS *(continued)*

Coordination: Type 2

Motor		Circuit-breaker				Contactor	Thermal relay			Test	
Rated power (kW)	Rated current (A)	Type	Rated current (A)	Magnetic threshold (A)	Reference	Type	Type	Setting range (A)	Reference	Rated conditionnal short-circuit current I _q (kA)	Voltage (V)
0,37	1,10	DX ³ -MA	1,6	20	4 098 76	CTX ³ 22 9A	RTX ³ 40	1- 1,6	4 166 45/65	15	400
0,55	1,5	DX ³ -MA	1,6	20	4 098 76	CTX ³ 22 9A	RTX ³ 40	1- 1,6	4 166 45/65	15	400
0,75	1,9	DX ³ -MA	2,5	32	4 098 77	CTX ³ 22 9A	RTX ³ 40	1,6 - 2,5	4 166 46/66	15	400
1,1	2,7	DX ³ -MA	4	50	4 098 78	CTX ³ 22 9A	RTX ³ 40	2,5 - 4	4 166 47/67	15	400
1,5	3,5	DX ³ -MA	4	50	4 098 78	CTX ³ 22 9A	RTX ³ 40	2,5 - 4	4 166 47/67	15	400
2,2	5	DX ³ -MA	6,3	80	4 098 79	CTX ³ 22 9A	RTX ³ 40	4 - 6	4 166 48/68	15	400
2,5	5,7	DX ³ -MA	6,3	80	4 098 79	CTX ³ 22 9A	RTX ³ 40	4 - 6	4 166 48/68	15	400
3	6,7	DX ³ -MA	10	125	4 098 80	CTX ³ 22 12A	RTX ³ 40	5 - 8	4 166 49/69	15	400
3,7	8	DX ³ -MA	10	125	4 098 80	CTX ³ 22 12A	RTX ³ 40	6 - 9	4 166 50/70	15	400
4	8,5	DX ³ -MA	10	125	4 098 80	CTX ³ 22 12A	RTX ³ 40	7 - 10	4 166 51/71	15	400
5,5	11	DX ³ -MA	12,5	160	4 098 81	CTX ³ 22 22A	RTX ³ 40	9 - 13	4 166 52/72	15	400
6,3	13	DX ³ -MA	16	200	4 098 82	CTX ³ 22 22A	RTX ³ 40	12 - 18	4 166 53/73	15	400
7,5	15	DX ³ -MA	16	200	4 098 82	CTX ³ 22 22A	RTX ³ 40	12 - 18	4 166 53/73	15	400
10	20	DX ³ -MA	25	320	4 098 83	CTX ³ 22 22A	RTX ³ 40	16 - 22	4 166 54/74	15	400
11	22	DX ³ -MA	25	320	4 098 83	CTX ³ 22 22A	RTX ³ 40	18 - 25	4 166 55/75	15	400
12,5	25	DX ³ -MA	25	320	4 098 83	CTX ³ 40 32A	RTX ³ 40	22 - 32	4 166 56/76	15	400
15	29	DX ³ -MA	40	500	4 098 84	CTX ³ 40 32A	RTX ³ 40	22 - 32	4 166 56/76	10	400
16	31	DX ³ -MA	40	500	4 098 84	CTX ³ 40 32A	RTX ³ 40	22 - 32	4 166 56/76	10	400
18,5	35	DX ³ -MA	40	500	4 098 84	CTX ³ 40 40A	RTX ³ 40	28 - 40	4 166 57/77	10	400
20	38	DX ³ -MA	40	500	4 098 84	CTX ³ 40 40A	RTX ³ 40	28 - 40	4 166 57/77	10	400
22	41	DX ³ -MA	63	880	4 098 85	CTX ³ 65 50A	RTX ³ 65	34 - 50	4 166 89 4 167 09	10	400
25	47	DX ³ -MA	63	880	4 098 85	CTX ³ 65 50A	RTX ³ 65	34 - 50	4 166 89 4 167 09	10	400
30	57	DX ³ -MA	63	880	4 098 85	CTX ³ 65 65A	RTX ³ 65	45 - 65	4 166 90 4 167 10	10	400
31,5	59	DX ³ -MA	63	880	4 098 85	CTX ³ 65 65A	RTX ³ 65	45 - 65	4 166 90 4 167 10	10	400

Thermal Overload Relays - RTX³ and Mounting units

Cat. N°(s) : 4 166 40..57/60..77/83..90/4 167 03..10/23..31/
4 167 43..51/60..65/70..75/80..84/86..95

5. GENERAL CHARACTERISTICS *(continued)*

Coordination: Type 2 *(continued)*

Motor		Circuit-breaker				Contactor	Thermal relay			Test	
Rated power (kW)	Rated current (A)	Type	Rated current (A)	Magnetic threshold (A)	Reference	Type	Type	Setting range (A)	Reference	Conditional short-circuit current I _q (kA)	Voltage (V)
15	29	DPX ³ 160	40	400	4 200 82	CTX ³ 100 85A	RTX ³ 100	24 – 36	4 167 24/44	36	400
16	31	DPX ³ 160	40	400	4 200 82	CTX ³ 100 85A	RTX ³ 100	24 – 36	4 167 24/44	36	400
18,5	35	DPX ³ 160	40	400	4 200 82	CTX ³ 100 85A	RTX ³ 100	28 – 40	4 167 25/45	36	400
20	38	DPX ³ 160	40	400	4 200 82	CTX ³ 100 85A	RTX ³ 100	34 – 50	4 167 26/46	36	400
22	41	DPX ³ 160	63	630	4 200 83	CTX ³ 100 100A	RTX ³ 100	34 – 50	4 167 26/46	36	400
25	47	DPX ³ 160	63	630	4 200 83	CTX ³ 100 100A	RTX ³ 100	45 – 65	4 167 27/47	36	400
30	57	DPX ³ 160	63	630	4 200 83	CTX ³ 100 100A	RTX ³ 100	45 – 65	4 167 27/47	36	400
31,5	59	DPX ³ 160	63	630	4 200 83	CTX ³ 100 100A	RTX ³ 100	54 – 75	4 167 28/48	36	400
37	68	DPX ³ 160	100	1000	4 200 85	CTX ³ 150 130A	RTX ³ 150	54 – 75	4 167 61/71	36	400
40	74	DPX ³ 160	100	1000	4 200 85	CTX ³ 150 130A	RTX ³ 150	63 – 85	4 167 62/72	36	400
45	82	DPX ³ 160	100	1000	4 200 85	CTX ³ 150 130A	RTX ³ 150	63 – 85	4 167 62/72	36	400
50	92	DPX ³ 160	100	1000	4 200 85	CTX ³ 150 130A	RTX ³ 150	80 - 105	4 167 63/73	36	400
55	102	DPX ³ 160	125	1250	4 200 86	CTX ³ 150 150A	RTX ³ 150	95 - 130	4 167 64/74	36	400
63	115	DPX ³ 160	125	1250	4 200 86	CTX ³ 150 150A	RTX ³ 150	95 - 130	4 167 64/74	36	400

Thermal Overload Relays - RTX³ and Mounting units

Cat. N°(s) : 4 166 40..57/60..77/83..90/4 167 03..10/23..31/
4 167 43..51/60..65/70..75/80..84/86..95

5. GENERAL CHARACTERISTICS (continued)

Coordination: Type 2 (continued)

Motor		Circuit-breaker				Contactor	Thermal relay			Test	
Rated power (kW)	Rated current (A)	Type	Rated current (A)	Magnetic threshold (A)	Référence	Type	Type	Setting range (A)	Reference	Conditional short-circuit current I _q (kA)	Voltage (V)
15	29	DPX ³ 160	40	140 - 400	4 201 22	CTX ³ 65 50A	RTX ³ 65	24 - 36	4 166 87 4 167 07	50	400
16	31	DPX ³ 160	40	140 - 400	4 201 22	CTX ³ 65 50A	RTX ³ 65	24 - 36	4 166 87 4 167 07	50	400
18,5	35	DPX ³ 160	40	140 - 400	4 201 22	CTX ³ 65 50A	RTX ³ 65	28 - 40	4 166 88 4 167 08	50	400
20	38	DPX ³ 160	40	140 - 400	4 201 22	CTX ³ 65 50A	RTX ³ 65	34 - 50	4 166 89 4 167 09	50	400
22	41	DPX ³ 160	63	220 - 630	4 201 23	CTX ³ 65 65A	RTX ³ 65	34 - 50	4 166 89 4 167 09	50	400
25	47	DPX ³ 160	63	220 - 630	4 201 23	CTX ³ 100 85A	RTX ³ 100	34 - 50	4 167 26/46	50	400
30	57	DPX ³ 160	63	220 - 630	4 201 23	CTX ³ 100 100A	RTX ³ 100	45 - 65	4 167 27/47	50	400
31,5	59	DPX ³ 160	63	220 - 630	4 201 23	CTX ³ 100 100A	RTX ³ 100	54 - 75	4 167 28/48	50	400
37	68	DPX ³ 250	100	350 - 1000	4 206 05	CTX ³ 100 100A	RTX ³ 100	63 - 85	4 167 29/49	50	400
40	74	DPX ³ 250	100	350 - 1000	4 206 05	CTX ³ 150 130A	RTX ³ 150	63 - 85	4 167 62/72	50	400
45	82	DPX ³ 250	100	350 - 1000	4 206 05	CTX ³ 150 130A	RTX ³ 150	63 - 85	4 167 62/72	50	400
50	92	DPX ³ 250	100	350 - 1000	4 206 05	CTX ³ 150 130A	RTX ³ 150	80 - 105	4 167 63/73	50	400
55	102	DPX ³ 250	100	350 - 1000	4 206 05	CTX ³ 150 150A	RTX ³ 150	95 - 130	4 167 64/74	50	400
63	115	DPX ³ 250	160	560 - 1600	4 206 07	CTX ³ 150 150A	RTX ³ 150	95 - 130	4 167 64/74	50	400
75	137	DPX ³ 250	160	560 - 1600	4 206 07	CTX ³ 225 185A	RTX ³ 225	100 - 160	4 167 82	50	400
90	164	DPX ³ 250	250	900 - 2500	4 206 09	CTX ³ 225 185A	RTX ³ 225	120 - 185	4 167 83	50	400
110	204	DPX ³ 250	250	900 - 2500	4 206 09	CTX ³ 225 225A	RTX ³ 225	160 - 240	4 167 84	50	400
132	238	DPX ³ 250	250	900 - 2500	4 206 09	CTX ³ 400 265A	RTX ³ 400	200 - 330	4 167 90	50	400
150	262	DPX ³ 630	320	1600 - 3200	4 220 29	CTX ³ 400 330A	RTX ³ 400	200 - 330	4 167 90	50	400
160	282	DPX ³ 630	320	1600 - 3200	4 220 29	CTX ³ 400 330A	RTX ³ 400	260 - 400	4 167 91	50	400
200	350	DPX ³ 630	400	2000 - 3200	4 220 30	CTX ³ 400 400A	RTX ³ 400	260 - 400	4 167 91	50	400
220	387	DPX ³ 630	400	1600 - 3200	4 220 30	CTX ³ 400 400A	RTX ³ 400	260 - 400	4 167 91	50	400
250	440	DPX ³ 630	500	1600 - 3200	4 220 31	CTX ³ 800 630A	RTX ³ 800	400 - 630	4 167 94	50	400

Thermal Overload Relays - RTX³ and Mounting units

Cat. N°(s) : 4 166 40..57/60..77/83..90/4 167 03..10/23..31/
4 167 43..51/60..65/70..75/80..84/86..95

5. GENERAL CHARACTERISTICS *(continued)*

Coordination: Type 2 *(continued)*

Motor		Circuit-breaker				Contactor	Thermal relay			Test	
Rated power (kW)	Rated current (A)	Type	Rated current (A)	Magnetic threshold (A)	Référence	Type	Type	Setting range (A)	Reference	Conditional short-circuit current I _q (kA)	Voltage (V)
15	27	DPX ³ 160	40	140 - 400	4 201 22	CTX ³ 65 50A	RTX ³ 65	24 - 36	4 166 87 4 167 07	30	440
16	29	DPX ³ 160	40	140 - 400	4 201 22	CTX ³ 65 50A	RTX ³ 65	24 - 36	4 166 87 4 167 07	30	440
18,5	34	DPX ³ 160	40	140 - 400	4 201 22	CTX ³ 65 65A	RTX ³ 65	28 - 40	4 166 88 4 167 08	30	440
20	37	DPX ³ 160	40	140 - 400	4 201 22	CTX ³ 65 65A	RTX ³ 65	28 - 40	4 166 88 4 167 08	30	440
22	40	DPX ³ 160	40	140 - 400	4 201 23	CTX ³ 100 75A	RTX ³ 100	34 - 50	4 167 26/46	30	440
25	45	DPX ³ 160	63	220 - 630	4 201 23	CTX ³ 100 85A	RTX ³ 100	34 - 50	4 167 26/46	30	440
30	53	DPX ³ 160	63	220 - 630	4 201 23	CTX ³ 100 100A	RTX ³ 100	45 - 65	4 167 27/47	30	440
31,5	56	DPX ³ 160	63	220 - 630	4 201 23	CTX ³ 100 100A	RTX ³ 100	45 - 65	4 167 27/47	30	440
37	65	DPX ³ 250	100	350 - 1000	4 206 05	CTX ³ 100 100A	RTX ³ 100	54 - 75	4 167 28/48	50	440
40	71	DPX ³ 250	100	350 - 1000	4 206 05	CTX ³ 150 130A	RTX ³ 150	63 - 85	4 167 62/72	50	440
45	78	DPX ³ 250	100	350 - 1000	4 206 05	CTX ³ 150 130A	RTX ³ 150	63 - 85	4 167 62/72	50	440
50	88	DPX ³ 250	100	350 - 1000	4 206 05	CTX ³ 150 130A	RTX ³ 150	80 - 105	4 167 63/73	50	440
55	98	DPX ³ 250	100	350 - 1000	4 206 05	CTX ³ 150 150A	RTX ³ 150	80 - 105	4 167 63/73	50	440
63	110	DPX ³ 250	160	560 - 1600	4 206 07	CTX ³ 150 150A	RTX ³ 150	95 - 130	4 167 64/74	50	440
75	129	DPX ³ 250	160	560 - 1600	4 206 07	CTX ³ 225 185A	RTX ³ 225	100 - 160	4 167 82	50	440
90	157	DPX ³ 250	160	560 - 1600	4 206 07	CTX ³ 225 225A	RTX ³ 225	120 - 185	4 167 83	50	440
110	188	DPX ³ 250	250	900 - 2500	4 206 09	CTX ³ 400 265A	RTX ³ 400	160 - 240	4 167 89	50	440
132	218	DPX ³ 250	250	900 - 2500	4 206 09	CTX ³ 400 265A	RTX ³ 400	160 - 240	4 167 89	50	440
150	244	DPX ³ 630	320	1600 - 3200	4 220 29	CTX ³ 400 400A	RTX ³ 400	200 - 330	4 167 90	50	440
160	260	DPX ³ 630	320	1600 - 3200	4 220 29	CTX ³ 400 400A	RTX ³ 400	200 - 330	4 167 90	50	440
200	330	DPX ³ 630	400	1600 - 3200	4 220 30	CTX ³ 800 630A	RTX ³ 800	260 - 400	4 167 93	50	440
220	355	DPX ³ 630	400	1600 - 3200	4 220 30	CTX ³ 800 630A	RTX ³ 800	260 - 400	4 167 93	50	440
250	405	DPX ³ 630	500	1600 - 3200	4 220 31	CTX ³ 800 800A	RTX ³ 800	400 - 600	4 167 94	50	440

6. CONFORMITIES AND APPROVALS

Compliance to standards:

- . Standards references: IEC/EN 60 947-1, IEC/EN 60 947-4-1.
- . Certifications: CE, UL.

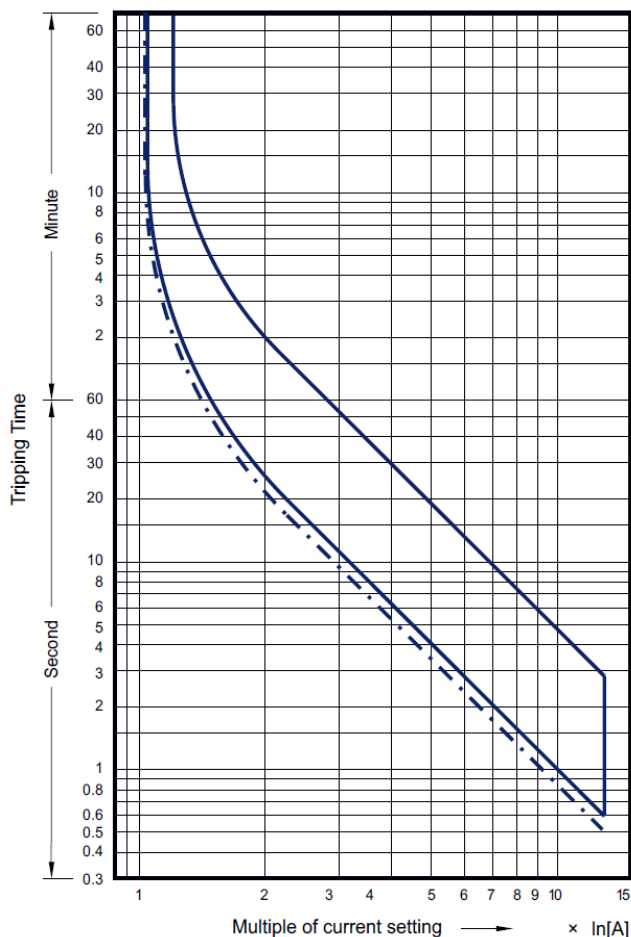
7. CURVES

Time / Current tripping curve:

RTX³ 40:

. Class 10A.

- Cold starting:



. Open phase: - - - - -

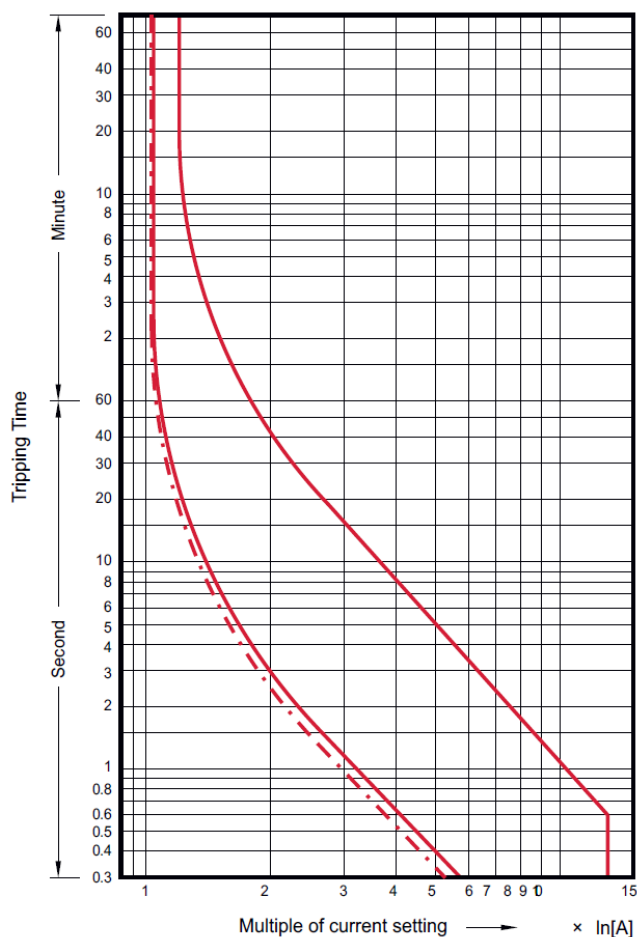
7. CURVES (continued)

Time / Current tripping curve:

RTX³ 40: (continued)

. Class 10A.

- Hot starting:



. Open phase: - - - - -

Thermal Overload Relays - RTX³ and Mounting units

Cat. N°(s) : 4 166 40..57/60..77/83..90/4 167 03..10/23..31/
4 167 43..51/60..65/70..75/80..84/86..95

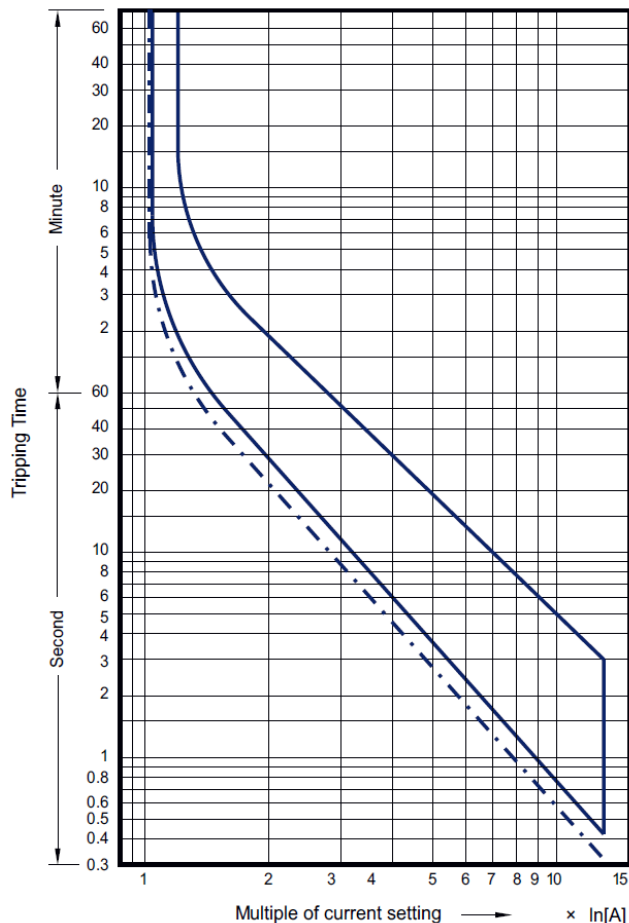
7. CURVES (continued)

Time / Current tripping curve:

RTX³ 65:

. Class 10A.

- Cold starting:



. Open phase: - - - - -

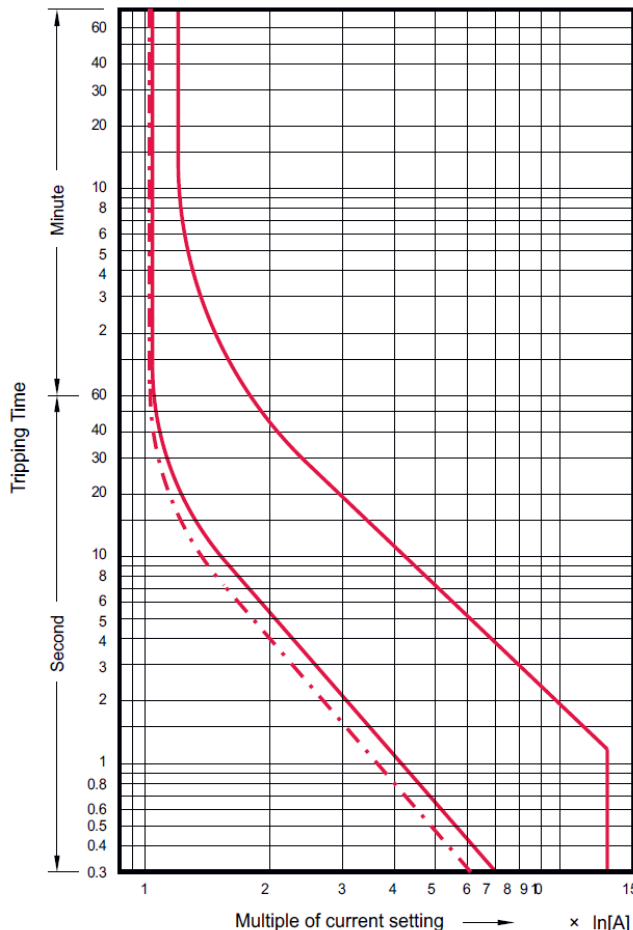
7. CURVES (continued)

Time / Current tripping curve:

RTX³ 65: (continued)

. Class 10A.

- Hot starting:



. Open phase: - - - - -

Thermal Overload Relays - RTX³ and Mounting units

Cat. N°(s) : 4 166 40..57/60..77/83..90/4 167 03..10/23..31/
4 167 43..51/60..65/70..75/80..84/86..95

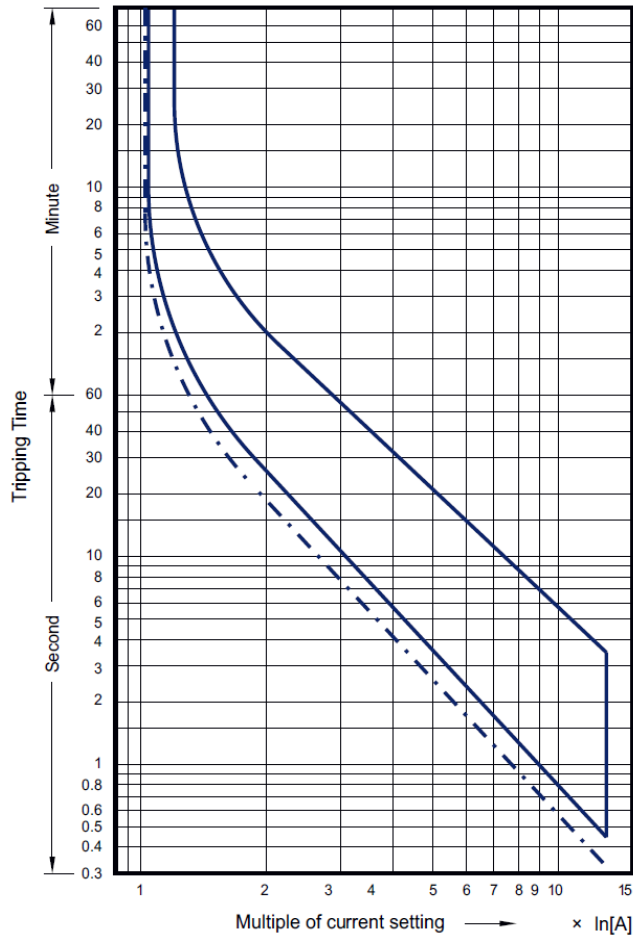
7. CURVES (continued)

Time / Current tripping curve:

RTX³ 100:

. Class 10A.

- Cold starting:



. Open phase: - - - - -

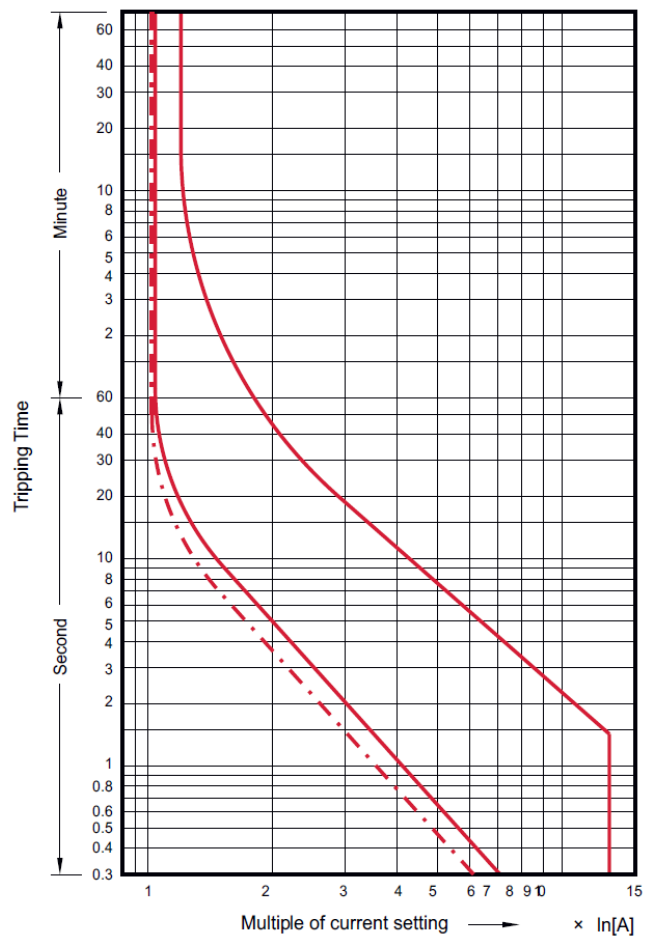
7. CURVES (continued)

Time / Current tripping curve:

RTX³ 100: (continued)

. Class 10A.

- Hot starting:



. Open phase: - - - - -

Thermal Overload Relays - RTX³ and Mounting units

Cat. N°(s) : 4 166 40..57/60..77/83..90/4 167 03..10/23..31/
4 167 43..51/60..65/70..75/80..84/86..95

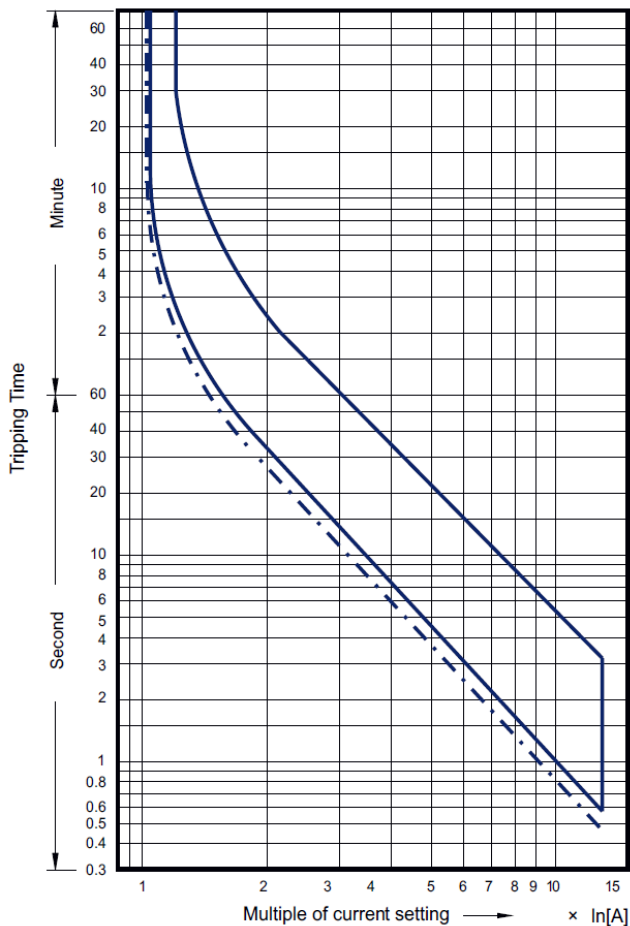
7. CURVES (continued)

Time / Current tripping curve:

RTX³ 150:

. Class 10A.

- Cold starting:



. Open phase: - - - - -

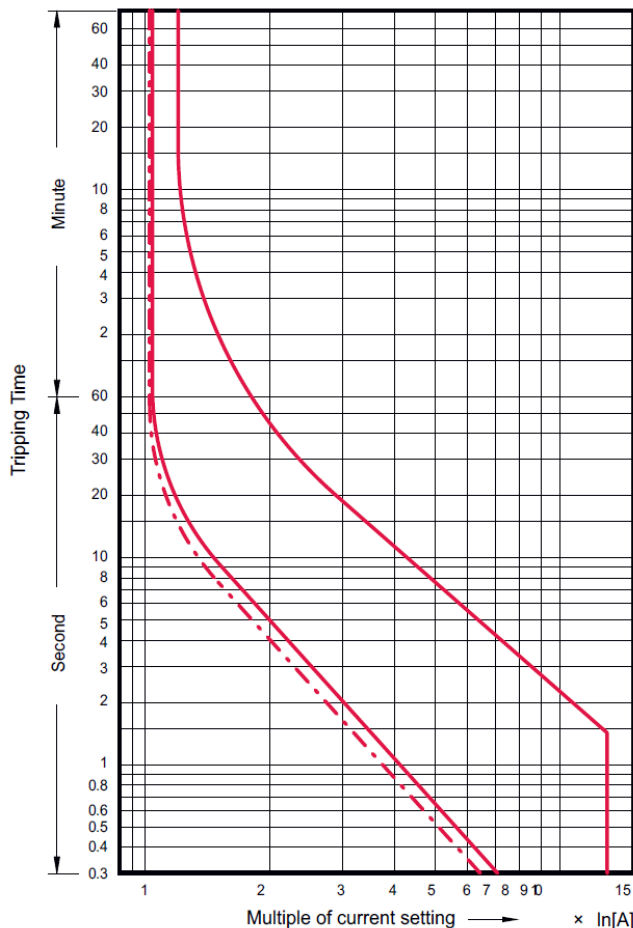
7. CURVES (continued)

Time / Current tripping curve:

RTX³ 150: (continued)

. Class 10A.

- Hot starting:



. Open phase: - - - - -

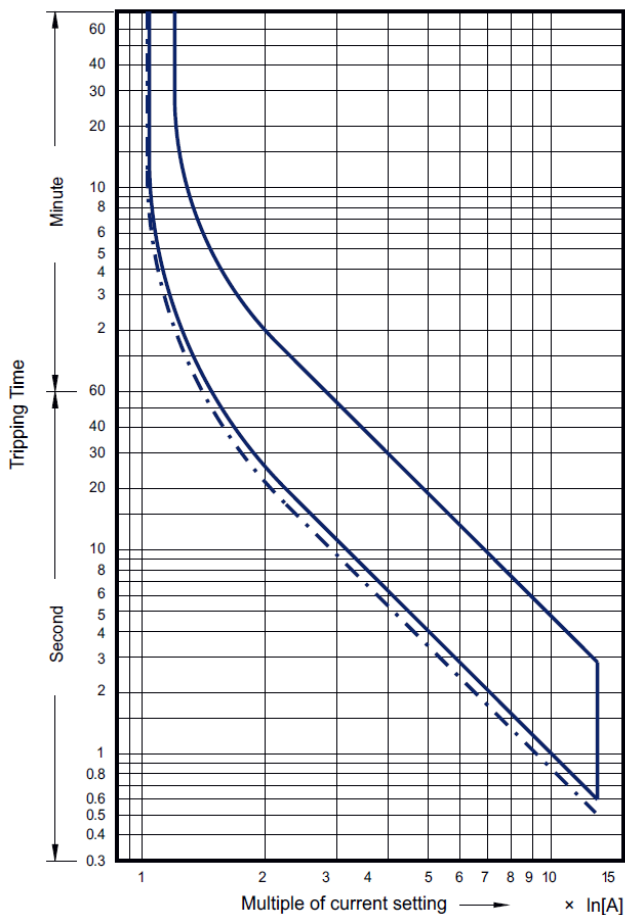
7. CURVES (continued)

Time / Current tripping curve:

RTX³ 225:

. Class 10A.

- Cold starting:



. Open phase: - - - - -

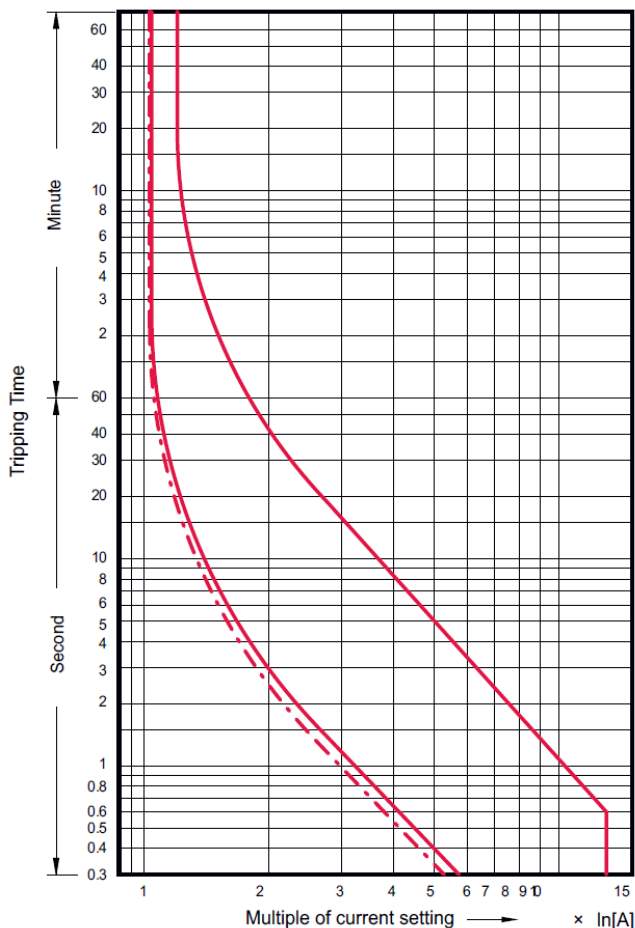
7. CURVES (continued)

Time / Current tripping curve:

RTX³ 225: (continued)

. Class 10A.

- Hot starting:



. Open phase: - - - - -

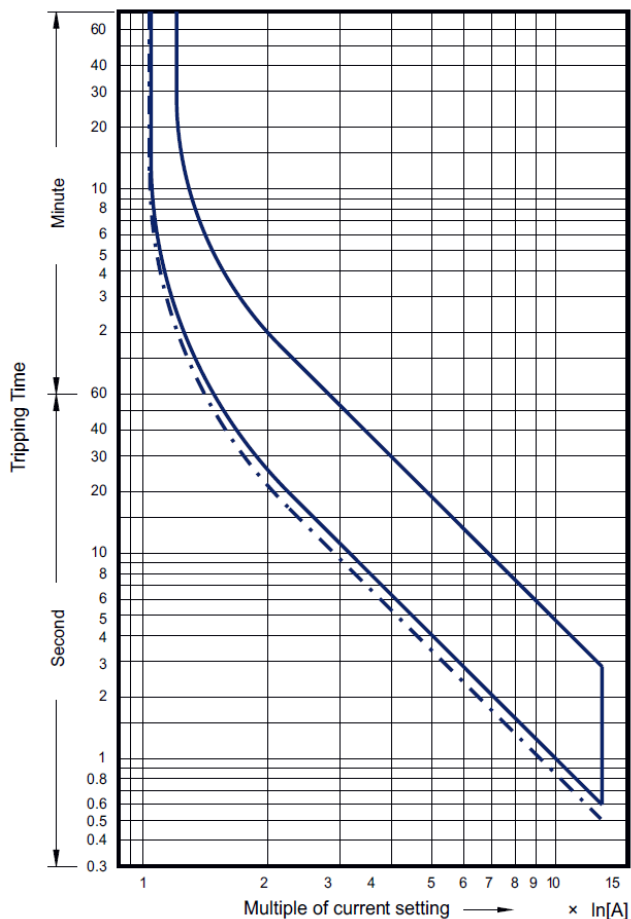
7. CURVES (continued)

Time / Current tripping curve:

RTX³ 400:

. Class 10A.

- Cold starting:



. Open phase: - - - - -

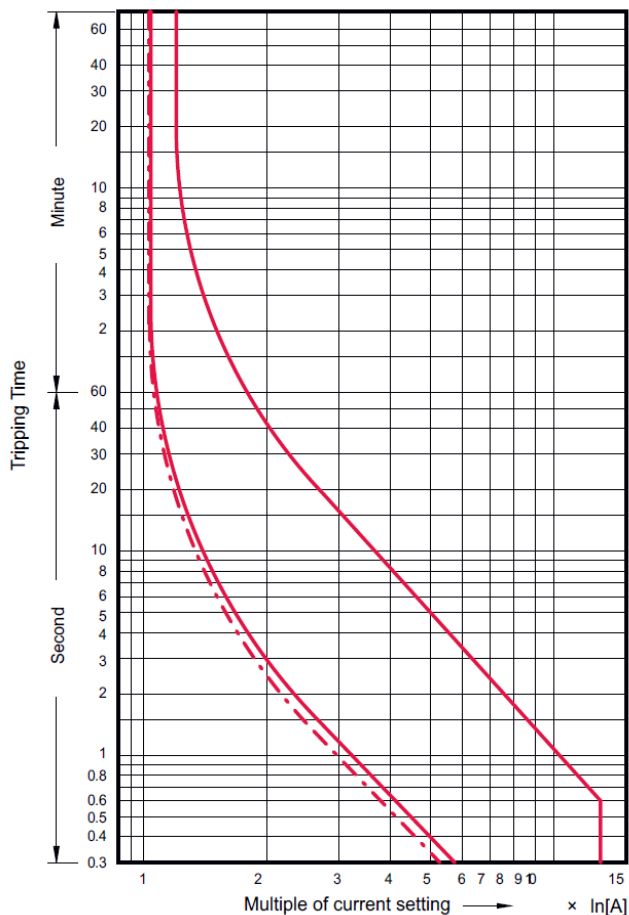
7. CURVES (continued)

Time / Current tripping curve:

RTX³ 400: (continued)

. Class 10A.

- Hot starting:



. Open phase: - - - - -

Thermal Overload Relays - RTX³ and Mounting units

Cat. N°(s) : 4 166 40..57/60..77/83..90/4 167 03..10/23..31/4 167 43..51/60..65/70..75/80..84/86..95

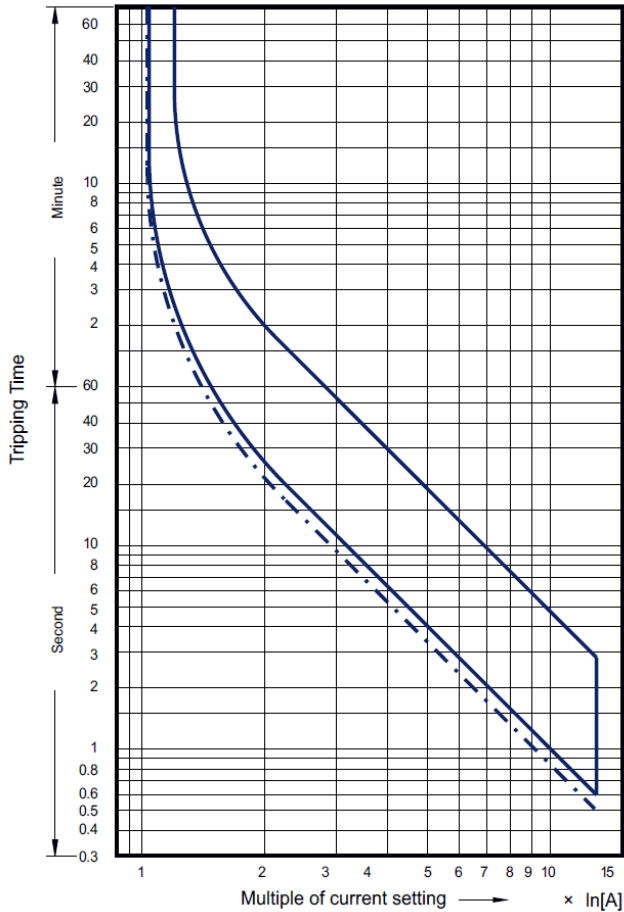
7. CURVES (continued)

Time / Current tripping curve:

RTX³ 800:

. Class 10A.

- Cold starting:



. Open phase: - - - - -

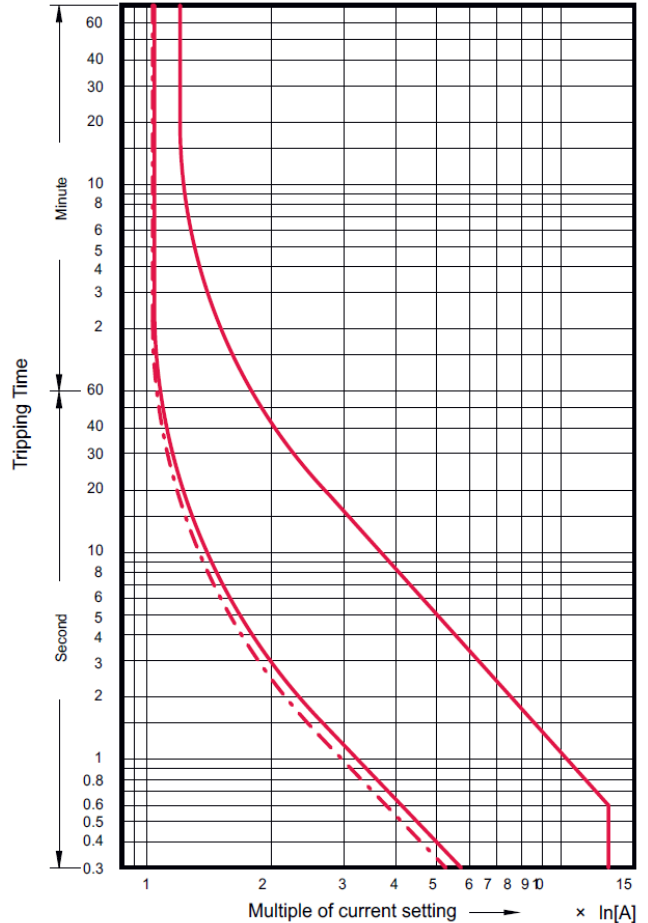
7. CURVES (continued)

Time / Current tripping curve:

RTX³ 800: (continued)

. Class 10A.

- Hot starting:



. Open phase: - - - - -

8. AUXILIARIES AND ACCESSORIES

Accessories: *(continued)*

RTX³ remote reset cable:

- . RTX³ remote reset cable L400 [mm] (cat. 4 168 92).
- . RTX³ remote reset cable L500 [mm] (cat. 4 168 93).
- . RTX³ remote reset cable L600 [mm] (cat. 4 168 94).



Separate mounting unit:

- . Separate mounting unit for RTX³ 40.(cat. 4 165 91).
- . Separate mounting unit for RTX³ 40.(cat. 4 165 92).
- . Separate mounting unit for RTX³ 65 - screw (cat. 4 165 93).
- . Separate mounting unit for RTX³ 65 - cage (cat. 4 165 94).
- . Separate mounting unit for RTX³ 100 - screw (cat. 4 165 95).
- . Separate mounting unit for RTX³ 100 - cage (cat. 4 165 96).
- . Separate mounting unit for RTX³ 150 - screw (cat. 4 165 97).
- . Separate mounting unit for RTX³ 150 - cage (cat. 4 165 98).



Installation software:

- . XL PRO³.