



**INTERRUTTORI MAGNETOTERMICI
ETIMAT P10 RESET
(NUOVA GENERAZIONE)**

Caratteristiche generali:

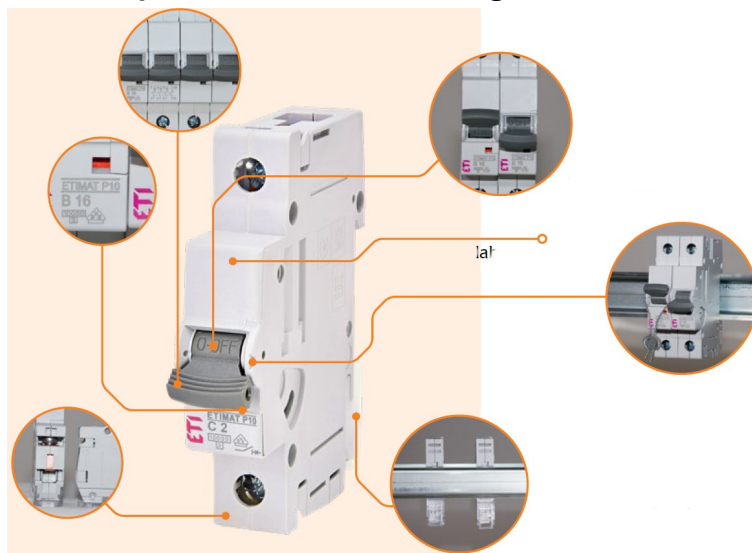
- Interruttori magnetotermici modulari;
- Potere di interruzione: 10kA;
- Correnti nominali: da 0,5A a 63A;
- Tensione nominale AC: 230V / 400V;
- Tensione nominale DC: max 60V;
- Curve di intervento: B, C;
- Frequenza nominale: 50/60 Hz;
- Sez. cavi collegamento: 1 - 25 mm²;
- Coppia di serraggio: max 2,5 Nm;
- Durata elettrica: 20.000 operazioni;
- Durata meccanica: 20.000 operazioni;
- Norme di riferimento: IEC EN 60898-1 / IEC 60947-2;

**MINIATURE CIRCUIT BREAKERS
ETIMAT P10 RESET
(NEW GENERATION)**

General characteristics:

- *Miniature circuit breakers (MCB);*
- *Breaking capacity: 10kA;*
- *Rated currents: from 0,5A to 63A;*
- *AC rated voltage: 230V / 400V;*
- *DC rated voltage: max 60V;*
- *Tripping characteristics: B, C;*
- *Rated frequency: 50/60 Hz;*
- *Cable cross section: 1 - 25 mm²;*
- *Torque force: max 2,5 Nm;*
- *Electrical endurance: 20.000 ops;*
- *Mechanical endurance: 20.000 ops;*
- *Reference standards: IEC EN 60898-1 / IEC 60947-2;*

Foto dei prodotti / Products images



Pagine totali del documento: 11

Document total pages: 11

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Codici e caratteristiche principali:

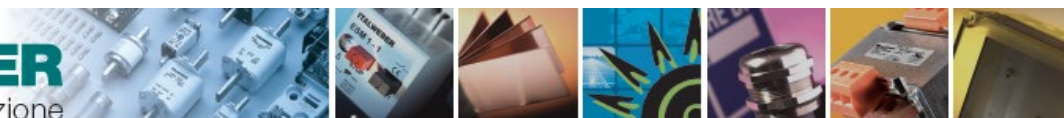
Codes and basic characteristics:

Versione unipolare

Single pole version

Codice / Code		In (A)	Peso / Weight (kg)	Conf Pack
Curva B / B curve	Curva C / C curve			
-	E1902021	0,5	0,120	1 / 12
E1902002	E1902022	1	0,120	1 / 12
E1902003	E1902023	1,6	0,120	1 / 12
E1902004	E1902024	2	0,120	1 / 12
E1902005	E1902025	3	0,120	1 / 12
E1902006	E1902026	4	0,120	1 / 12
E1902007	E1902027	6	0,120	1 / 12
E1902008	E1902028	10	0,120	1 / 12
E1902009	E1902029	13	0,120	1 / 12
E1902010	E1902030	16	0,120	1 / 12
E1902011	E1902031	20	0,120	1 / 12
E1902012	E1902032	25	0,120	1 / 12
E1902013	E1902033	32	0,120	1 / 12
E1902014	E1902034	40	0,120	1 / 12
E1902015	E1902035	50	0,120	1 / 12
E1902016	E1902036	63	0,120	1 / 12





Codici e caratteristiche principali:

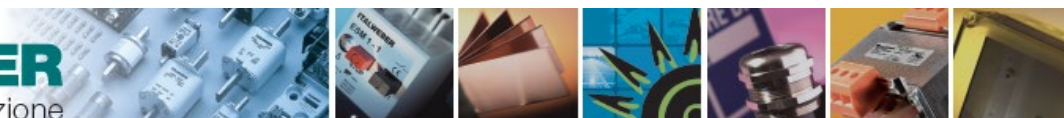
Codes and basic characteristics:

Versione unipolare + neutro (2 mod.)

Single pole + neutral version (2 mod.)

Codice / Code		In (A)	Peso / Weight (kg)	Conf Pack
Curva B / B curve	Curva C / C curve			
-	E1902121	0,5	0,240	1 / 6
E1902102	E1902122	1	0,240	1 / 6
E1902103	E1902123	1,6	0,240	1 / 6
E1902104	E1902124	2	0,240	1 / 6
E1902105	E1902125	3	0,240	1 / 6
E1902106	E1902126	4	0,240	1 / 6
E1902107	E1902127	6	0,240	1 / 6
E1902108	E1902128	10	0,240	1 / 6
E1902109	E1902129	13	0,240	1 / 6
E1902110	E1902130	16	0,240	1 / 6
E1902111	E1902131	20	0,240	1 / 6
E1902112	E1902132	25	0,240	1 / 6
E1902113	E1902133	32	0,240	1 / 6
E1902114	E1902134	40	0,240	1 / 6
E1902115	E1902135	50	0,240	1 / 6
E1902116	E1902136	63	0,240	1 / 6





Codici e caratteristiche principali:

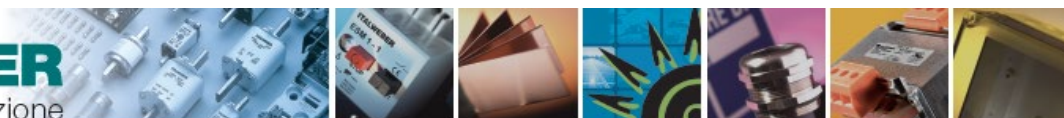
Codes and basic characteristics:

Versione bipolare

Two poles version

Codice / Code		In (A)	Peso / Weight (kg)	Conf Pack
Curva B / B curve	Curva C / C curve			
-	E1902221	0,5	0,240	1 / 6
E1902202	E1902222	1	0,240	1 / 6
E1902203	E1902223	1,6	0,240	1 / 6
E1902204	E1902224	2	0,240	1 / 6
E1902205	E1902225	3	0,240	1 / 6
E1902206	E1902226	4	0,240	1 / 6
E1902207	E1902227	6	0,240	1 / 6
E1902208	E1902228	10	0,240	1 / 6
E1902209	E1902229	13	0,240	1 / 6
E1902210	E1902230	16	0,240	1 / 6
E1902211	E1902231	20	0,240	1 / 6
E1902212	E1902232	25	0,240	1 / 6
E1902213	E1902233	32	0,240	1 / 6
E1902214	E1902234	40	0,240	1 / 6
E1902215	E1902235	50	0,240	1 / 6
E1902216	E1902236	63	0,240	1 / 6





Codici e caratteristiche principali:

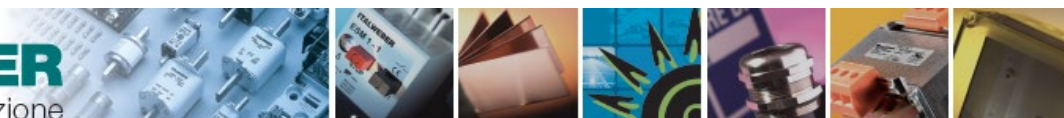
Codes and basic characteristics:

Versione tripolare

Three poles version

Codice / Code		In (A)	Peso / Weight (kg)	Conf Pack
Curva B / B curve	Curva C / C curve			
-	E1902321	0,5	0,350	1 / 4
E1902302	E1902322	1	0,350	1 / 4
E1902303	E1902323	1,6	0,350	1 / 4
E1902304	E1902324	2	0,350	1 / 4
E1902305	E1902325	3	0,350	1 / 4
E1902306	E1902326	4	0,350	1 / 4
E1902307	E1902327	6	0,350	1 / 4
E1902308	E1902328	10	0,350	1 / 4
E1902309	E1902329	13	0,350	1 / 4
E1902310	E1902330	16	0,350	1 / 4
E1902311	E1902331	20	0,350	1 / 4
E1902312	E1902332	25	0,350	1 / 4
E1902313	E1902333	32	0,350	1 / 4
E1902314	E1902334	40	0,350	1 / 4
E1902315	E1902335	50	0,350	1 / 4
E1902316	E1902336	63	0,350	1 / 4





Codici e caratteristiche principali:

Codes and basic characteristics:

Versione tripolare + neutro

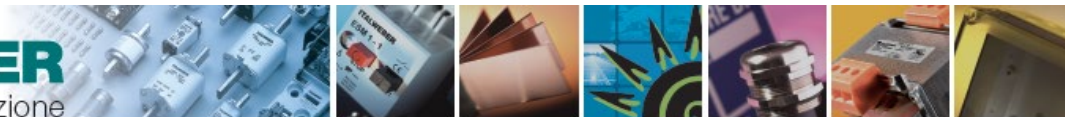
Three poles + neutral version

Codice / Code		In (A)	Peso / Weight (kg)	Conf Pack
Curva B / B curve	Curva C / C curve			
-	E1902421	0,5	0,460	1 / 3
E1902402	E1902422	1	0,460	1 / 3
E1902403	E1902423	1,6	0,460	1 / 3
E1902404	E1902424	2	0,460	1 / 3
E1902405	E1902425	3	0,460	1 / 3
E1902406	E1902426	4	0,460	1 / 3
E1902407	E1902427	6	0,460	1 / 3
E1902408	E1902428	10	0,460	1 / 3
E1902409	E1902429	13	0,460	1 / 3
E1902410	E1902430	16	0,460	1 / 3
E1902411	E1902431	20	0,460	1 / 3
E1902412	E1902432	25	0,460	1 / 3
E1902413	E1902433	32	0,460	1 / 3
E1902414	E1902434	40	0,460	1 / 3
E1902415	E1902435	50	0,460	1 / 3
E1902416	E1902436	63	0,460	1 / 3



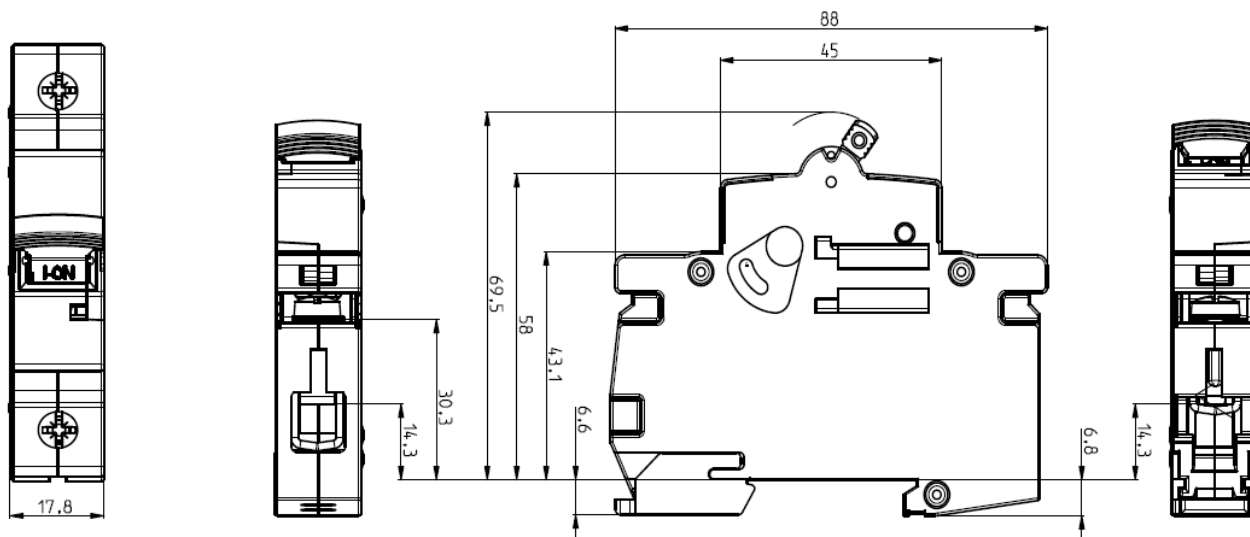
NOTA: gli interruttori magnetotermici della serie ETIMAT P10 RESET del tipo 3P+N possono essere utilizzati come interruttori 4P

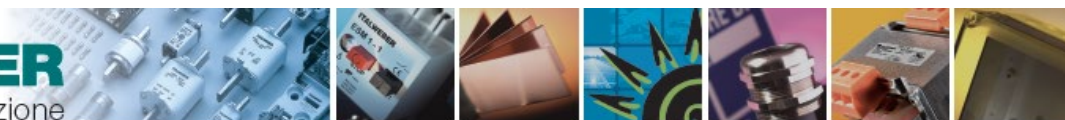
NOTE: circuit breakers type ETIMAT P10 RESET, 3P+N version, are suitable for use as 4P circuit breakers



Disegno (dimensioni in mm):

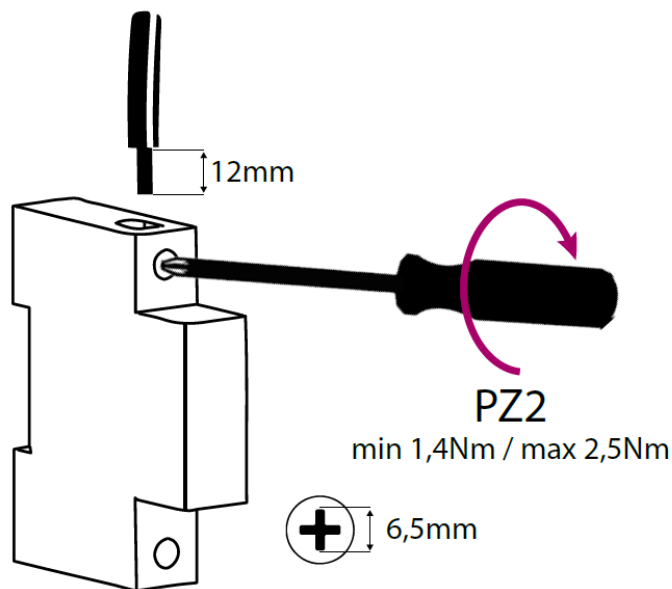
Drawing (dimensions in mm):



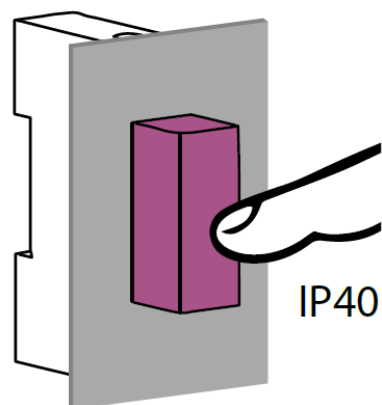
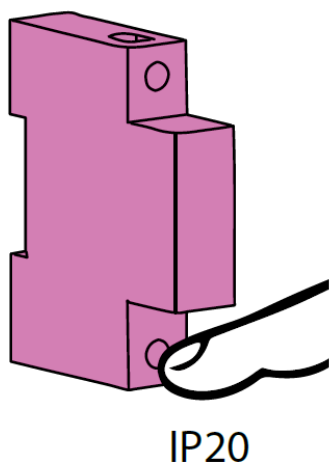
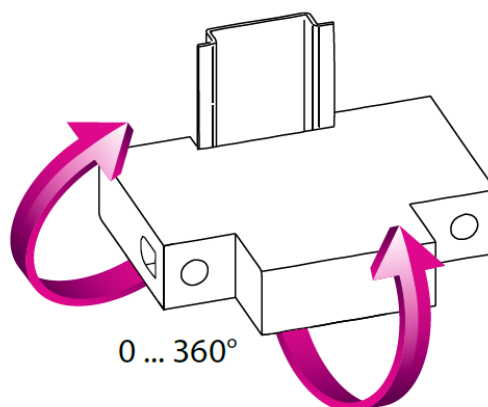


Caratteristiche tecniche:

Technical characteristics:



Any mounting position



1p



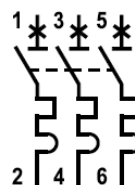
1p+n



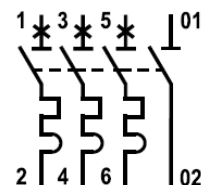
2p

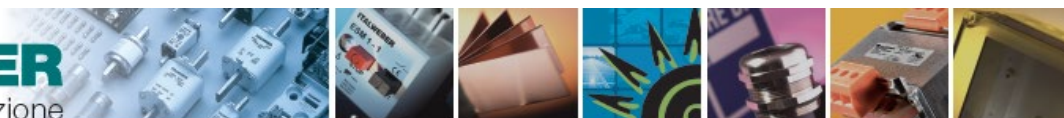


3p



3p+n

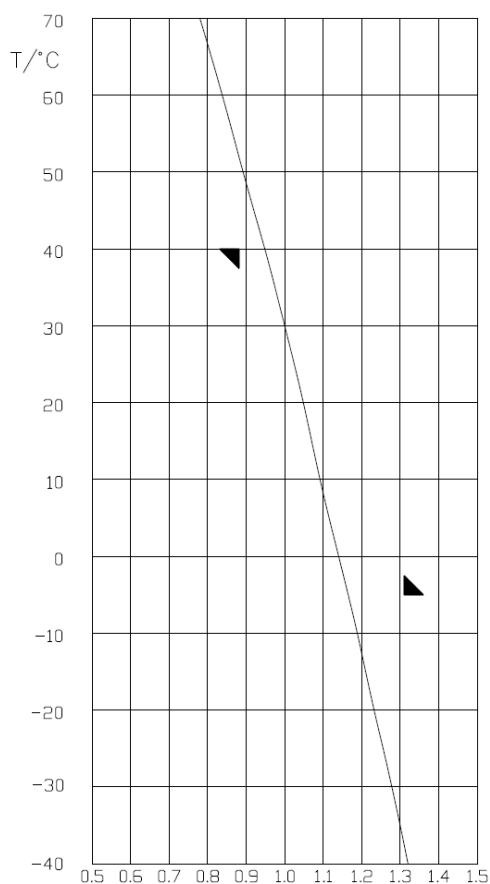




Caratteristiche tecniche:

Technical characteristics:

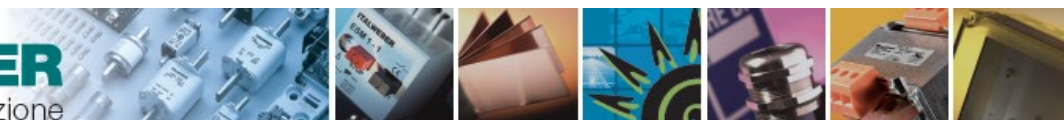
Effect of the ambient temperature on the tripping characteristic



Correction factor is valid for current with times over 30 s
 $I(x^\circ\text{C})$ - test current at x ambient temperature
 $I(30^\circ\text{C})$ - test current at 30°C ambient temperature

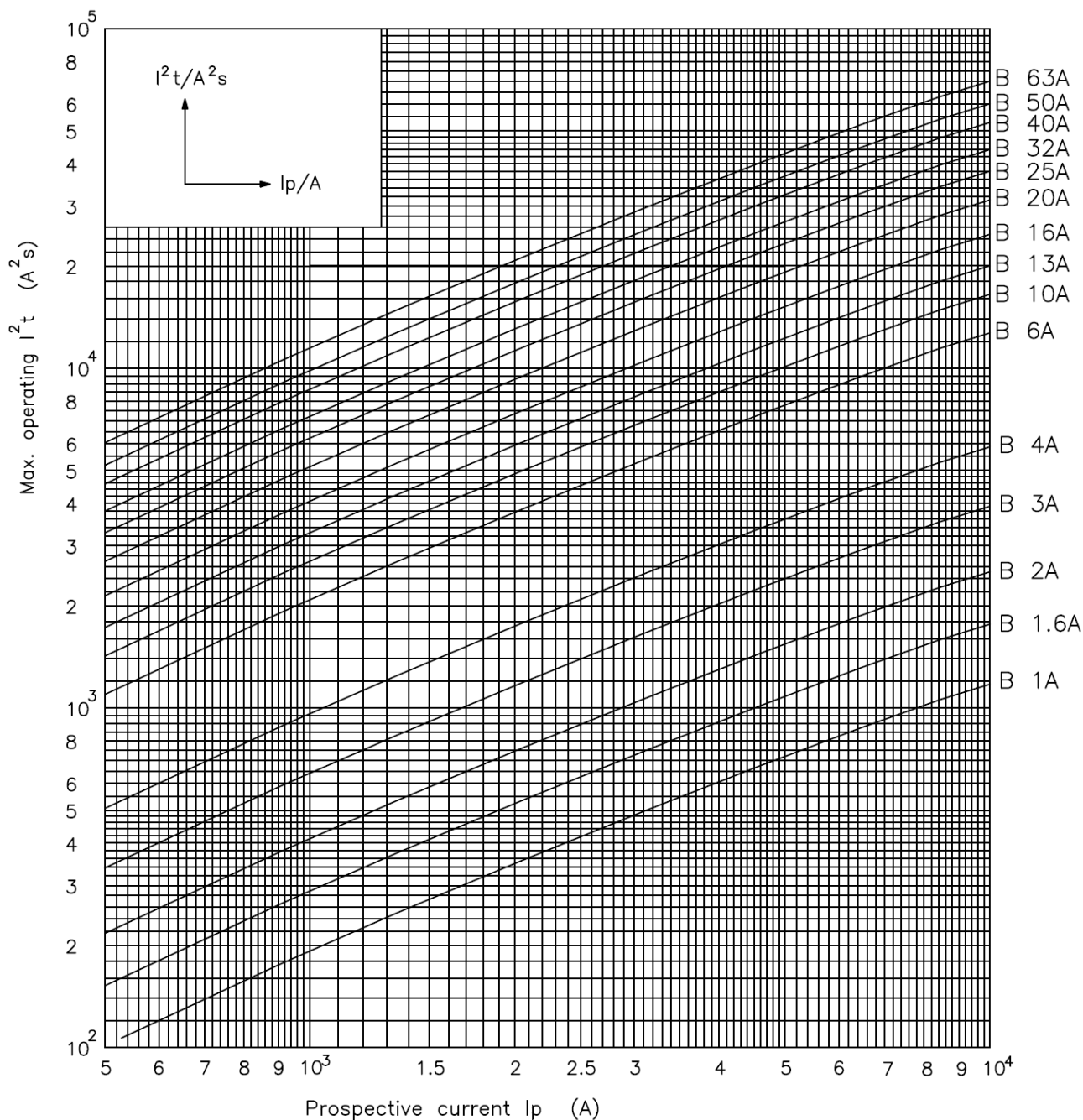
$$k = \frac{I(x^\circ\text{C})}{I(30^\circ\text{C})}$$

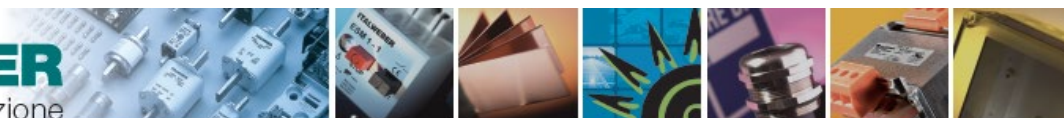
In (A)	Ambient temperature T/°C											
	-40	-30	-20	-10	0	10	20	30	40	50	60	70
0,5	0,66	0,64	0,62	0,60	0,57	0,55	0,53	0,5	0,48	0,45	0,42	0,39
1	1,32	1,28	1,23	1,19	1,14	1,09	1,05	1	0,95	0,89	0,84	0,78
1,6	2,11	2,05	1,97	1,90	1,82	1,74	1,68	1,6	1,52	1,42	1,34	1,25
2	2,64	2,56	2,46	2,38	2,28	2,18	2,10	2	1,90	1,78	1,68	1,56
4	5,28	5,12	4,92	4,76	4,56	4,36	4,20	4	3,80	3,56	3,36	3,12
6	7,92	7,68	7,38	7,14	6,84	6,54	6,30	6	5,70	5,34	5,04	4,68
10	13,2	12,8	12,3	11,9	11,4	10,9	10,5	10	9,50	8,90	8,40	7,80
13	17,2	16,6	16,0	15,5	14,8	14,2	13,7	13	12,4	11,6	10,9	10,1
16	21,1	20,5	19,7	19,0	18,2	17,4	16,8	16	15,2	14,2	13,4	12,5
20	26,4	25,6	24,6	23,8	22,8	21,8	21,0	20	19,0	17,8	16,8	15,6
25	33,0	32,0	30,8	29,8	28,5	27,3	26,3	25	23,8	22,3	21,0	19,5
32	42,2	41,0	39,4	38,1	36,5	34,9	33,6	32	30,4	28,5	26,9	25,0
40	52,8	51,2	49,2	47,6	45,6	43,6	42,0	40	38,0	35,6	33,6	31,2
50	66,0	64,0	61,5	59,5	57,0	54,5	52,6	50	47,5	44,5	42,0	39,0
63	83,2	80,6	77,5	75,0	71,8	68,7	66,2	63	59,9	56,1	52,9	49,1



Curve caratteristiche tempo-corrente:

Time-current characteristic curves:





Curve caratteristiche tempo-corrente:

Time-current characteristic curves:

