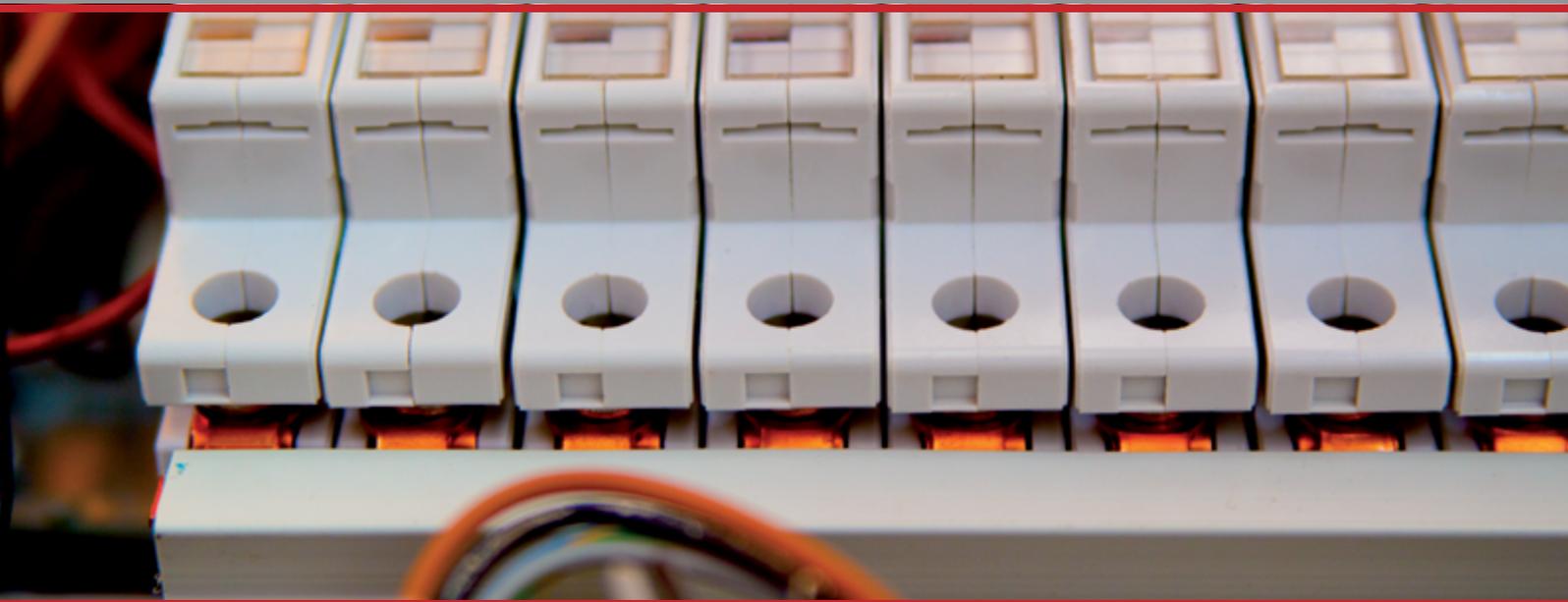
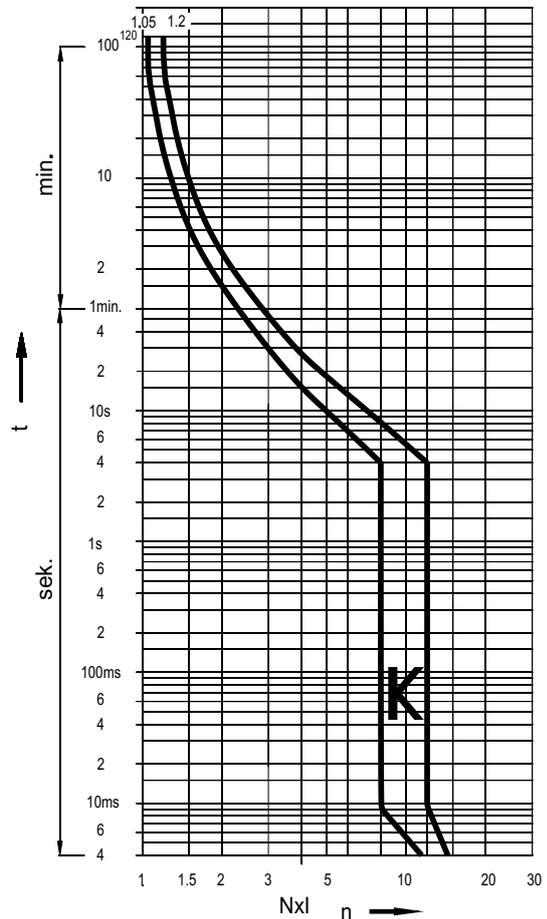
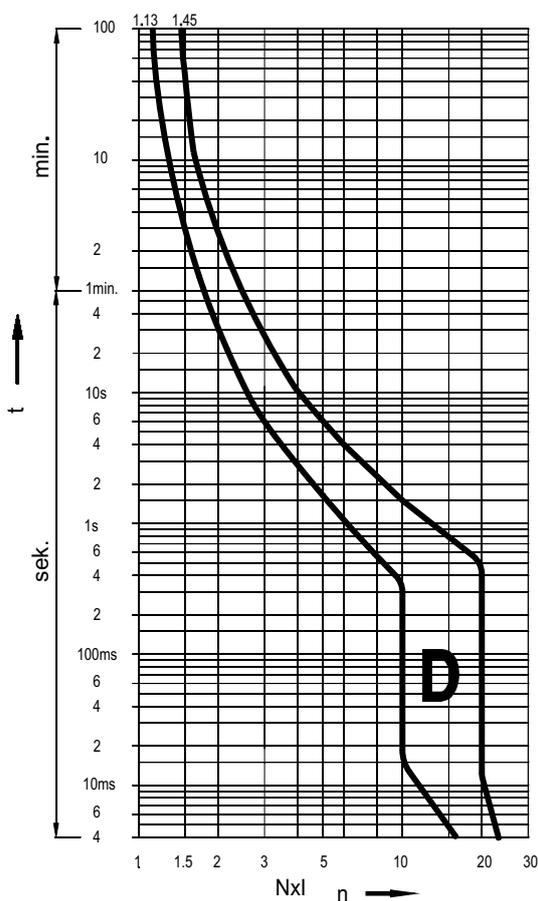
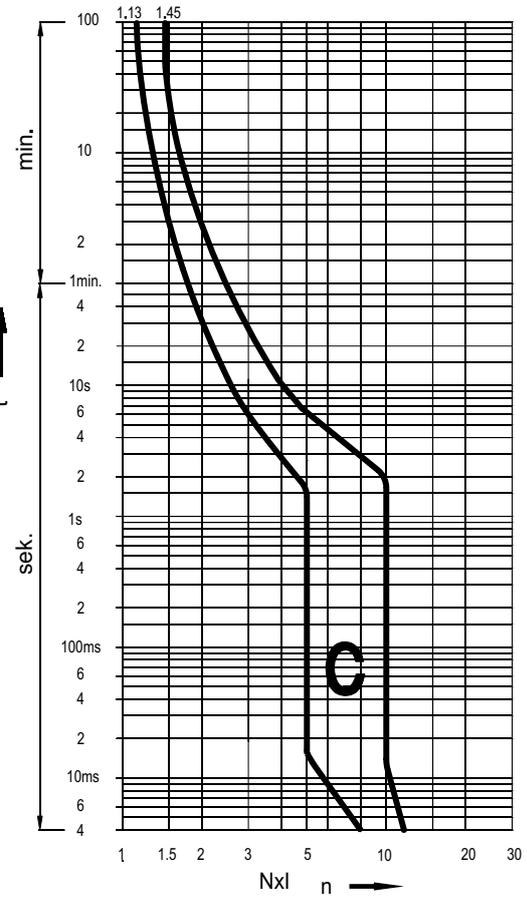
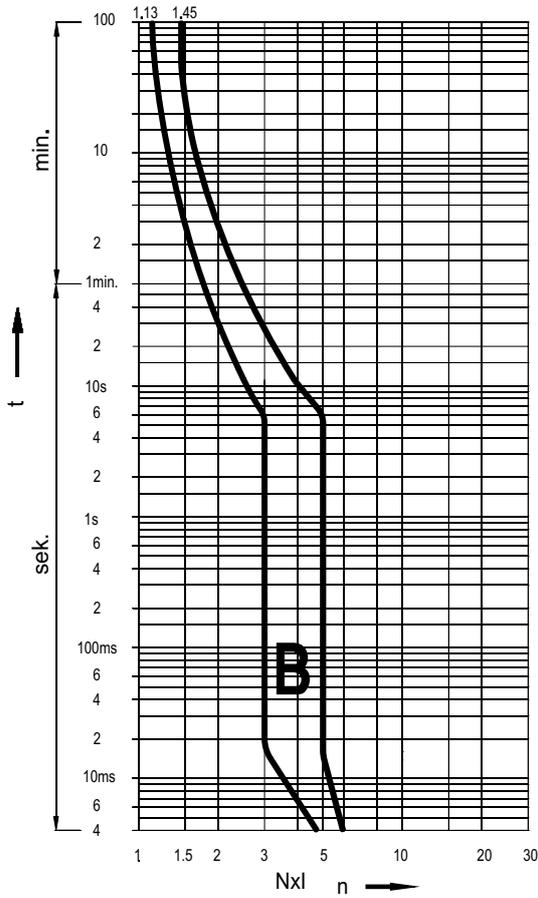


Circuit Breakers



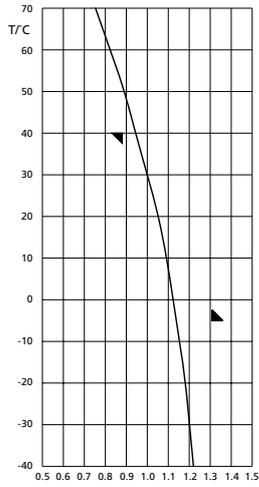
Miniature circuit breaker TRONIC11 Characteristics

I/t characteristics at 50 and 60Hz



Miniature circuit breaker TRONIC11 Characteristics

Effect of the ambient temperature on the tripping characteristic



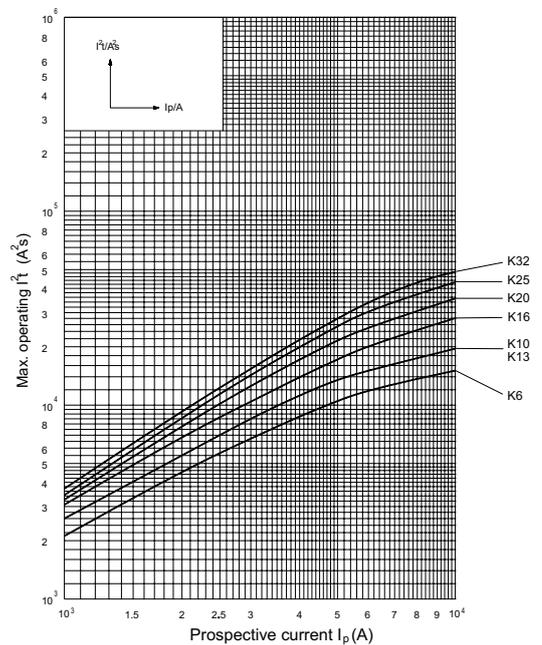
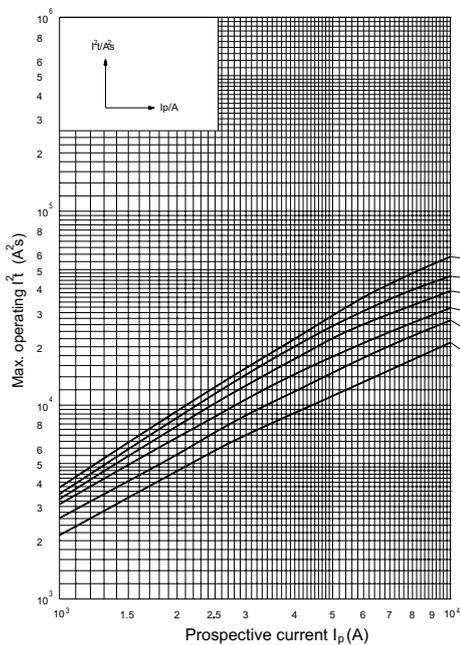
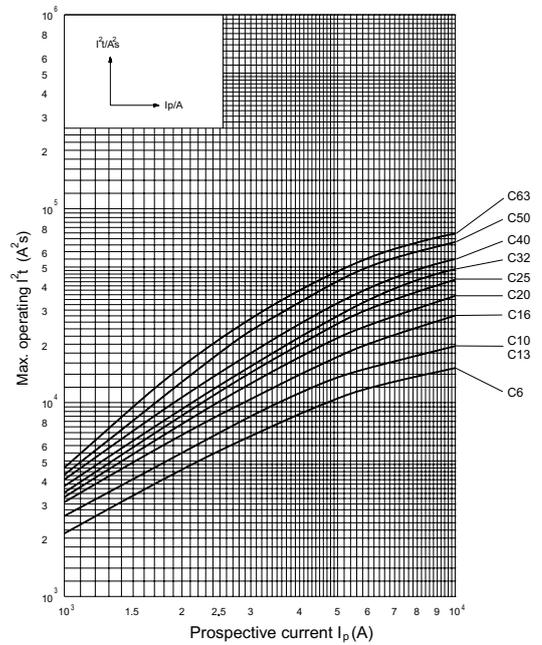
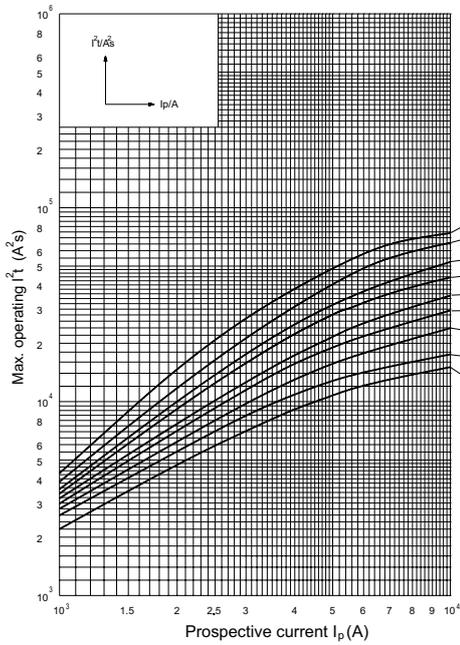
$$k = \frac{I(x^{\circ}\text{C})}{I(30^{\circ}\text{C})}$$

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

| I_n [A] | Ambient temperature T/°C | | | | | | | | | | | | |
|--------------|--------------------------|------|------|------|------|------|------|-----|------|------|------|------|--|
| | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | |
| 0,5 | 0,61 | 0,6 | 0,59 | 0,57 | 0,56 | 0,54 | 0,52 | 0,5 | 0,47 | 0,44 | 0,41 | 0,38 | |
| 1 | 1,22 | 1,2 | 1,18 | 1,15 | 1,12 | 1,09 | 1,05 | 1 | 0,94 | 0,88 | 0,82 | 0,75 | |
| 1,6 | 1,95 | 1,92 | 1,89 | 1,84 | 1,79 | 1,74 | 1,68 | 1,6 | 1,51 | 1,42 | 1,32 | 1,2 | |
| 2 | 2,44 | 2,4 | 2,36 | 2,30 | 2,24 | 2,18 | 2,1 | 2 | 1,88 | 1,77 | 1,65 | 1,5 | |
| 4 | 4,88 | 4,8 | 4,72 | 4,61 | 4,49 | 4,36 | 4,20 | 4 | 3,77 | 3,55 | 3,29 | 3 | |
| 6 | 7,32 | 7,2 | 7,09 | 6,91 | 6,73 | 6,54 | 6,31 | 6 | 5,66 | 5,33 | 4,94 | 4,5 | |
| 10 | 12,2 | 12 | 11,8 | 11,5 | 11,2 | 10,9 | 10,5 | 10 | 9,44 | 8,89 | 8,23 | 7,5 | |
| 13 | 15,9 | 15,6 | 15,4 | 14,9 | 14,5 | 14,1 | 13,6 | 13 | 12,2 | 11,5 | 10,7 | 9,75 | |
| 16 | 19,5 | 19,2 | 18,9 | 18,4 | 17,9 | 17,4 | 16,8 | 16 | 15,1 | 14,2 | 13,2 | 12 | |
| 20 | 24,4 | 24 | 23,6 | 23 | 22,4 | 21,8 | 21 | 21 | 18,8 | 17,7 | 16,5 | 15 | |
| 25 | 30,5 | 30 | 2,5 | 28,8 | 28 | 27,2 | 26,3 | 25 | 23,6 | 22,2 | 20,6 | 18,8 | |
| 32 | 39 | 38,4 | 37,8 | 36,9 | 35,9 | 34,9 | 33,6 | 32 | 30,2 | 28,4 | 26,3 | 24 | |
| 40 | 48,8 | 48 | 47,8 | 46,1 | 44,9 | 43,6 | 42 | 40 | 37,7 | 35,5 | 32,9 | 30 | |
| 50 | 61 | 60 | 59,1 | 57,6 | 56,1 | 54,5 | 52,6 | 50 | 47,2 | 44,4 | 41,2 | 37,5 | |
| 63 | 76,9 | 75,6 | 74,4 | 72,6 | 70,7 | 68,7 | 66,2 | 63 | 59,4 | 56 | 51,9 | 47,3 | |



Miniature circuit breaker TRONIC11

Rated short-circuit capacity
10 kA

Rated current
0,5 - 63 A

Tripping characteristic
B, C, D, K

| 1-pole | | | | | | | |
|-----------------------|-----------------------|------------|------------|------------|------------|---------------|--------------------|
| I _n [A] | U _n [V] | code No. B | code No. C | code No. D | code No. K | weight [g] | packaging [pcs] |
| 0,5 | 230/400 | | 700501100 | 700502101 | 700503102 | 124 | 12/60 |
| 1 | 230/400 | | 700101108 | 700102109 | 700103100 | 124 | 12/60 |
| 2 | 230/400 | | 700201101 | 700202102 | 700203103 | 124 | 12/60 |
| 4 | 230/400 | | 700401107 | 700402108 | 700403109 | 124 | 12/60 |
| 6 | 230/400 | 700600102 | 700601103 | 700602104 | 700603105 | 124 | 12/60 |
| 10 | 230/400 | 701000105 | 701001106 | 701002107 | 701003108 | 121 | 12/60 |
| 13 | 230/400 | 701300104 | 701301105 | 701302106 | 701303107 | 121 | 12/60 |
| 16 | 230/400 | 701600103 | 701601104 | 701602105 | 701603106 | 121 | 12/60 |
| 20 | 230/400 | 702000106 | 702001107 | 702002108 | 702003109 | 121 | 12/60 |
| 25 | 230/400 | 702500101 | 702501102 | 702502103 | 702503104 | 121 | 12/60 |
| 32 | 230/400 | 703200103 | 703201104 | 703202105 | 703203106 | 121 | 12/60 |
| 40 | 230/400 | 704000108 | 704001109 | | | 130 | 12/60 |
| 50 | 230/400 | 705000109 | 705001100 | | | 130 | 12/60 |
| 63 | 230/400 | 706300109 | 706301100 | | | 130 | 12/60 |

| 1-pole + N | | | | | | | |
|-----------------------|-----------------------|------------|------------|------------|------------|---------------|--------------------|
| I _n [A] | U _n [V] | code No. B | code No. C | code No. D | code No. K | weight [g] | packaging [pcs] |
| 0,5 | 230 | | 700511107 | 700512108 | 700513109 | 249 | 6/30 |
| 1 | 230 | | 700111105 | 700112106 | 700113107 | 249 | 6/30 |
| 2 | 230 | | 700211108 | 700212109 | 700213100 | 249 | 6/30 |
| 4 | 230 | | 700411104 | 700412105 | 700413106 | 249 | 6/30 |
| 6 | 230 | 700610109 | 700611100 | 700612101 | 700613102 | 249 | 6/30 |
| 10 | 230 | 701010102 | 701011103 | 701012104 | 701013105 | 245 | 6/30 |
| 13 | 230 | 701310101 | 701311102 | 701312103 | 701313104 | 245 | 6/30 |
| 16 | 230 | 701610100 | 701611101 | 701612102 | 701613103 | 245 | 6/30 |
| 20 | 230 | 702010103 | 702011104 | 702012105 | 702013106 | 245 | 6/30 |
| 25 | 230 | 702510108 | 702511109 | 702512100 | 702513101 | 245 | 6/30 |
| 32 | 230 | 703210100 | 703211101 | 703212102 | 703213103 | 245 | 6/30 |
| 40 | 230 | 704010105 | 704011106 | | | 261 | 6/30 |
| 50 | 230 | 705010106 | 705011107 | | | 261 | 6/30 |
| 63 | 230 | 706310106 | 706311107 | | | 261 | 6/30 |

| 2-pole | | | | | | | |
|-----------------------|-----------------------|------------|------------|------------|------------|---------------|--------------------|
| I _n [A] | U _n [V] | code No. B | code No. C | code No. D | code No. K | weight [g] | packaging [pcs] |
| 0,5 | 400 | | 700521104 | 700522105 | 700523106 | 249 | 6/30 |
| 1 | 400 | | 700121102 | 700122103 | 700123104 | 249 | 6/30 |
| 2 | 400 | | 700221105 | 700222106 | 700223107 | 249 | 6/30 |
| 4 | 400 | | 700421101 | 700422102 | 700423103 | 249 | 6/30 |
| 6 | 400 | 700620106 | 700621107 | 700622108 | 700623109 | 249 | 6/30 |
| 10 | 400 | 701020109 | 701021100 | 701022101 | 701023102 | 245 | 6/30 |
| 13 | 400 | 701320108 | 701321109 | 701322100 | 701323101 | 245 | 6/30 |
| 16 | 400 | 701620107 | 701621108 | 701622109 | 701623100 | 245 | 6/30 |
| 20 | 400 | 702020100 | 702021101 | 702022102 | 702023103 | 245 | 6/30 |
| 25 | 400 | 702520105 | 702521106 | 702522107 | 702523108 | 245 | 6/30 |
| 32 | 400 | 703220107 | 703221108 | 703222109 | 703223100 | 245 | 6/30 |
| 40 | 400 | 704020102 | 704021103 | | | 261 | 6/30 |
| 50 | 400 | 705020103 | 705021104 | | | 261 | 6/30 |
| 63 | 400 | 706320103 | 706321104 | | | 261 | 6/30 |





| 3-pole | | | | | | | |
|--------------|--------------|------------|------------|------------|------------|---------------|--------------------|
| I_n [A] | U_n [V] | code No. B | code No. C | code No. D | code No. K | weight [g] | packaging [pcs] |
| 0,5 | 400 | | 700531101 | 700532102 | 700533103 | 377 | 4/20 |
| 1 | 400 | | 700131109 | 700132100 | 700133101 | 377 | 4/20 |
| 2 | 400 | | 700231102 | 700232103 | 700233104 | 377 | 4/20 |
| 4 | 400 | | 700431108 | 700432109 | 700433100 | 377 | 4/20 |
| 6 | 400 | 700630103 | 700631104 | 700632105 | 700633106 | 377 | 4/20 |
| 10 | 400 | 701030106 | 701031107 | 701032108 | 701033109 | 367 | 4/20 |
| 13 | 400 | 701330105 | 701331106 | 701332107 | 701333108 | 367 | 4/20 |
| 16 | 400 | 701630104 | 701631105 | 701632106 | 701633107 | 367 | 4/20 |
| 20 | 400 | 702030107 | 702031108 | 702032109 | 702033100 | 367 | 4/20 |
| 25 | 400 | 702530102 | 702531103 | 702532104 | 702533105 | 367 | 4/20 |
| 32 | 400 | 703230104 | 703231105 | 703232106 | 703233107 | 367 | 4/20 |
| 40 | 400 | 704030109 | 704031100 | | | 393 | 4/20 |
| 50 | 400 | 705030100 | 705031101 | | | 393 | 4/20 |
| 63 | 400 | 706330100 | 706331101 | | | 393 | 4/20 |

| 3-pole + N | | | | | | | |
|--------------|--------------|------------|------------|------------|------------|---------------|--------------------|
| I_n [A] | U_n [V] | code No. B | code No. C | code No. D | code No. K | weight [g] | packaging [pcs] |
| 0,5 | 400 | | 700541108 | 700542109 | 700543100 | 500 | 3/15 |
| 1 | 400 | | 700141106 | 700142107 | 700143108 | 500 | 3/15 |
| 2 | 400 | | 700241109 | 700242100 | 700243101 | 500 | 3/15 |
| 4 | 400 | | 700441105 | 700442106 | 700443107 | 500 | 3/15 |
| 6 | 400 | 700640100 | 700641101 | 700642102 | 700643103 | 500 | 3/15 |
| 10 | 400 | 701040103 | 701041104 | 701042105 | 701043106 | 488 | 3/15 |
| 13 | 400 | 701340102 | 701341103 | 701342104 | 701343105 | 488 | 3/15 |
| 16 | 400 | 701640101 | 701641102 | 701642103 | 701643104 | 488 | 3/15 |
| 20 | 400 | 702040104 | 702041105 | 702042106 | 702043107 | 488 | 3/15 |
| 25 | 400 | 702540109 | 702541100 | 702542101 | 702543102 | 488 | 3/15 |
| 32 | 400 | 703240101 | 703241102 | 703242103 | 703243104 | 488 | 3/15 |
| 40 | 400 | 704040106 | 704041107 | | | 524 | 3/15 |
| 50 | 400 | 705040107 | 705041108 | | | 524 | 3/15 |
| 63 | 400 | 706340107 | 706341108 | | | 524 | 3/15 |

Miniature circuit breaker TRONIC11-QC

| | | |
|--|-----------------------------------|--|
| Rated short-circuit capacity 10 kA | Rated current 0,5 - 20A | Tripping characteristic B, C, D, K |
|--|-----------------------------------|--|

| 1-pole | | | | | | | |
|--------------|--------------|------------|------------|------------|------------|---------------|--------------------|
| I_n [A] | U_n [V] | code No. B | code No. C | code No. D | code No. K | weight [g] | packaging [pcs] |
| 0,5 | 230/400 | | 710501107 | 710502108 | 710503109 | 124 | 12/60 |
| 1 | 230/400 | | 710101105 | 710102106 | 710103107 | 124 | 12/60 |
| 2 | 230/400 | | 710201108 | 710202109 | 710203100 | 124 | 12/60 |
| 4 | 230/400 | | 710401104 | 710402105 | 710403106 | 124 | 12/60 |
| 6 | 230/400 | 710600109 | 710601100 | 710602101 | 710603102 | 124 | 12/60 |
| 10 | 230/400 | 711000102 | 711001103 | 711002104 | 711003105 | 121 | 12/60 |
| 13 | 230/400 | 711300101 | 711301102 | 711302103 | 711303104 | 121 | 12/60 |
| 16 | 230/400 | 711600100 | 711601101 | 711602102 | 711603103 | 121 | 12/60 |
| 20 | 230/400 | 712000103 | 712001104 | 712002105 | 712003106 | 121 | 12/60 |

| 1-pole + N | | | | | | | |
|--------------|--------------|------------|------------|------------|------------|---------------|--------------------|
| I_n [A] | U_n [V] | code No. B | code No. C | code No. D | code No. K | weight [g] | packaging [pcs] |
| 0,5 | 230 | | 710511104 | 710512105 | 710513106 | 249 | 6/30 |
| 1 | 230 | | 710111102 | 710112103 | 710113104 | 249 | 6/30 |
| 2 | 230 | | 710211105 | 710212106 | 710213107 | 249 | 6/30 |
| 4 | 230 | | 710411101 | 710412102 | 710413103 | 249 | 6/30 |
| 6 | 230 | 710610106 | 710611107 | 710612108 | 710613109 | 249 | 6/30 |
| 10 | 230 | 711010109 | 711011100 | 711012101 | 711013102 | 245 | 6/30 |
| 13 | 230 | 711310108 | 711311109 | 711312100 | 711313101 | 245 | 6/30 |
| 16 | 230 | 711610107 | 711611108 | 711612109 | 711613100 | 245 | 6/30 |
| 20 | 230 | 712010100 | 712011101 | 712012102 | 712013103 | 245 | 6/30 |

| 2-pole | | | | | | | |
|--------------|--------------|------------|------------|------------|------------|---------------|--------------------|
| I_n [A] | U_n [V] | code No. B | code No. C | code No. D | code No. K | weight [g] | packaging [pcs] |
| 0,5 | 400 | | 710521101 | 710522102 | 710523103 | 249 | 6/30 |
| 1 | 400 | | 710121109 | 710122100 | 710123101 | 249 | 6/30 |
| 2 | 400 | | 710221102 | 710222103 | 710223104 | 249 | 6/30 |
| 4 | 400 | | 710421108 | 710422109 | 710423100 | 249 | 6/30 |
| 6 | 400 | 710620103 | 710621104 | 710622105 | 710623106 | 249 | 6/30 |
| 10 | 400 | 711020106 | 711021107 | 711022108 | 711023109 | 245 | 6/30 |
| 13 | 400 | 711320105 | 711321106 | 711322107 | 711323108 | 245 | 6/30 |
| 16 | 400 | 711620104 | 711621105 | 711622106 | 711623107 | 245 | 6/30 |
| 20 | 400 | 712020107 | 712021108 | 712022109 | 712023100 | 245 | 6/30 |

| 3-pole | | | | | | | |
|--------------|--------------|------------|------------|------------|------------|---------------|--------------------|
| I_n [A] | U_n [V] | code No. B | code No. C | code No. D | code No. K | weight [g] | packaging [pcs] |
| 0,5 | 400 | | 710531108 | 710532109 | 710533100 | 377 | 4/20 |
| 1 | 400 | | 710131106 | 710132107 | 710133108 | 377 | 4/20 |
| 2 | 400 | | 710231109 | 710232100 | 710233101 | 377 | 4/20 |
| 4 | 400 | | 710431105 | 710432106 | 710433107 | 377 | 4/20 |
| 6 | 400 | 710630100 | 710631101 | 710632102 | 710633103 | 377 | 4/20 |
| 10 | 400 | 711030103 | 711031104 | 711032105 | 711033106 | 367 | 4/20 |
| 13 | 400 | 711330102 | 711331103 | 711332104 | 711333105 | 367 | 4/20 |
| 16 | 400 | 711630101 | 711631102 | 711632103 | 711633104 | 367 | 4/20 |
| 20 | 400 | 712030104 | 712031105 | 712032106 | 712033107 | 367 | 4/20 |

| 3-pole + N | | | | | | | |
|--------------|--------------|------------|------------|------------|------------|---------------|--------------------|
| I_n [A] | U_n [V] | code No. B | code No. C | code No. D | code No. K | weight [g] | packaging [pcs] |
| 0,5 | 400 | | 710541105 | 710542106 | 710543107 | 500 | 3/15 |
| 1 | 400 | | 710141103 | 710142104 | 710143105 | 500 | 3/15 |
| 2 | 400 | | 710241106 | 710242107 | 710243108 | 500 | 3/15 |
| 4 | 400 | | 710441102 | 710442103 | 710443104 | 500 | 3/15 |
| 6 | 400 | 710640107 | 710641108 | 710642109 | 710643100 | 500 | 3/15 |
| 10 | 400 | 711040100 | 711041101 | 711042102 | 711043103 | 488 | 3/15 |
| 13 | 400 | 711340109 | 711341100 | 711342101 | 711343102 | 488 | 3/15 |
| 16 | 400 | 711640108 | 711641109 | 711642100 | 711643101 | 488 | 3/15 |
| 20 | 400 | 712040101 | 712041102 | 712042103 | 712043104 | 488 | 3/15 |



Miniature circuit breaker TRONIC RC (remote control)

Rated short-circuit capacity
10 kA

Rated current
6 - 63 A

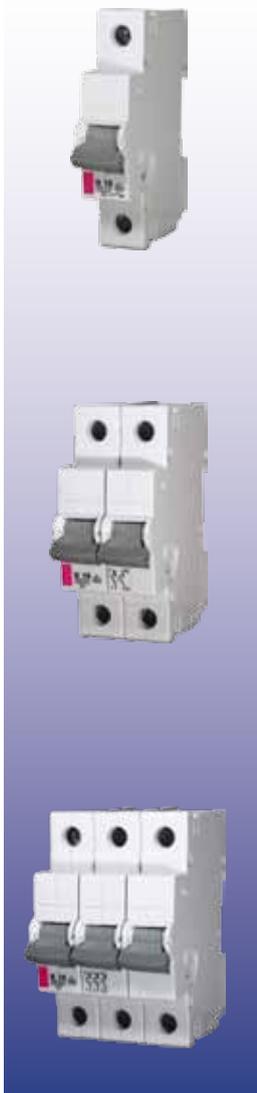
Tripping characteristics
B, C

| 1-pole | | | | | |
|--------------|--------------|------------|------------|---------------|--------------------|
| I_n [A] | U_n [V] | code No. B | code No. C | weight [g] | packaging [pcs] |
| 6 | 230/400 | 630600100 | 630601101 | 124 | 12/60 |
| 10 | 230/400 | 631000103 | 631001104 | 121 | 12/60 |
| 13 | 230/400 | 631300102 | 631301103 | 121 | 12/60 |
| 16 | 230/400 | 631600101 | 631601102 | 121 | 12/60 |
| 20 | 230/400 | 632000104 | 632001105 | 121 | 12/60 |
| 25 | 230/400 | 632500109 | 632501100 | 121 | 12/60 |
| 32 | 230/400 | 633200101 | 633201102 | 121 | 12/60 |
| 40 | 230/400 | 634000106 | 634001107 | 130 | 12/60 |
| 50 | 230/400 | 635000107 | 635001108 | 130 | 12/60 |
| 63 | 230/400 | 636300107 | 636301108 | 130 | 12/60 |

| 1-pole + N | | | | | |
|--------------|--------------|------------|------------|---------------|--------------------|
| I_n [A] | U_n [V] | code No. B | code No. C | weight [g] | packaging [pcs] |
| 6 | 230 | 630610107 | 630611108 | 249 | 6/30 |
| 10 | 230 | 631010100 | 631011101 | 245 | 6/30 |
| 13 | 230 | 631310109 | 631311100 | 245 | 6/30 |
| 16 | 230 | 631610108 | 631611109 | 245 | 6/30 |
| 20 | 230 | 632010101 | 632011102 | 245 | 6/30 |
| 25 | 230 | 632510106 | 632511107 | 245 | 6/30 |
| 32 | 230 | 633210108 | 633211109 | 245 | 6/30 |
| 40 | 230 | 634010102 | 634011103 | 261 | 6/30 |
| 50 | 230 | 635010103 | 635011104 | 261 | 6/30 |
| 63 | 230 | 636310103 | 636311104 | 261 | 6/30 |

| 2-pole | | | | | |
|--------------|--------------|------------|------------|---------------|--------------------|
| I_n [A] | U_n [V] | code No. B | code No. C | weight [g] | packaging [pcs] |
| 6 | 400 | 630620104 | 630621105 | 249 | 6/30 |
| 10 | 400 | 631020107 | 631021108 | 245 | 6/30 |
| 13 | 400 | 631320106 | 631321107 | 245 | 6/30 |
| 16 | 400 | 631620105 | 631621106 | 245 | 6/30 |
| 20 | 400 | 632020108 | 632021109 | 245 | 6/30 |
| 25 | 400 | 632520103 | 632521104 | 245 | 6/30 |
| 32 | 400 | 633220105 | 633221106 | 245 | 6/30 |
| 40 | 400 | 634020100 | 634021101 | 261 | 6/30 |
| 50 | 400 | 635020101 | 635021102 | 261 | 6/30 |
| 63 | 400 | 636320101 | 636321102 | 261 | 6/30 |

| 3-pole | | | | | |
|--------------|--------------|------------|------------|---------------|--------------------|
| I_n [A] | U_n [V] | code No. B | code No. C | weight [g] | packaging [pcs] |
| 6 | 400 | 630630101 | 630631102 | 377 | 4/20 |
| 10 | 400 | 631030104 | 631031105 | 367 | 4/20 |
| 13 | 400 | 631330103 | 631331104 | 367 | 4/20 |
| 16 | 400 | 631630102 | 631631103 | 367 | 4/20 |
| 20 | 400 | 632030105 | 632031106 | 367 | 4/20 |
| 25 | 400 | 632530100 | 632531101 | 367 | 4/20 |
| 32 | 400 | 633230102 | 633231103 | 367 | 4/20 |
| 40 | 400 | 634030107 | 634031108 | 393 | 4/20 |
| 50 | 400 | 635030108 | 635031109 | 393 | 4/20 |
| 63 | 400 | 636330108 | 636331109 | 393 | 4/20 |



| 3-pole + N | | | | | |
|--------------|--------------|------------|------------|---------------|--------------------|
| I_n [A] | U_n [V] | code No. B | code No. C | weight [g] | packaging [pcs] |
| 6 | 400 | 630640108 | 700641109 | 500 | 3/15 |
| 10 | 400 | 631040101 | 701041102 | 488 | 3/15 |
| 13 | 400 | 631340100 | 701341101 | 488 | 3/15 |
| 16 | 400 | 631640109 | 701641100 | 488 | 3/15 |
| 20 | 400 | 632040102 | 702041103 | 488 | 3/15 |
| 25 | 400 | 632540107 | 702541108 | 488 | 3/15 |
| 32 | 400 | 633240109 | 703241100 | 488 | 3/15 |
| 40 | 400 | 634040104 | 704041105 | 524 | 3/15 |
| 50 | 400 | 635040105 | 705041106 | 524 | 3/15 |
| 63 | 400 | 636340105 | 706341106 | 524 | 3/15 |

Miniature circuit breaker TRONIC11-DC

| | | |
|---|----------------------------------|--|
| Rated short-circuit capacity 6 kA | Rated current 6 - 63 A | Tripping characteristic B, C |
|---|----------------------------------|--|

| 1-pole | | | | | |
|--------------|--------------|------------|------------|---------------|--------------------|
| I_n [A] | U_n [V] | code No. B | code No. C | weight [g] | packaging [pcs] |
| 6 | 220 | 690600102 | 690601106 | 124 | 12/60 |
| 10 | 220 | 691000105 | 691001109 | 245 | 12/60 |
| 13 | 220 | 691300104 | 691301108 | 245 | 12/60 |
| 16 | 220 | 691600103 | 691601107 | 245 | 12/60 |
| 20 | 220 | 692000106 | 692001100 | 245 | 12/60 |
| 25 | 220 | 692500101 | 692501105 | 245 | 12/60 |
| 32 | 220 | 693200103 | 693201107 | 245 | 12/60 |
| 40 | 220 | 694000108 | 694001102 | 261 | 12/60 |
| 50 | 220 | 695000109 | 695001103 | 261 | 12/60 |
| 63 | 220 | 696300109 | 696301103 | 261 | 12/60 |

| 2-pole | | | | | |
|--------------|--------------|------------|------------|---------------|--------------------|
| I_n [A] | U_n [V] | code No. B | code No. C | weight [g] | packaging [pcs] |
| 6 | 440 | 690620106 | 690621107 | 249 | 6/30 |
| 10 | 440 | 691020109 | 691021100 | 245 | 6/30 |
| 13 | 440 | 691320108 | 691321109 | 245 | 6/30 |
| 16 | 440 | 691620107 | 691621108 | 245 | 6/30 |
| 20 | 440 | 692020100 | 692021101 | 245 | 6/30 |
| 25 | 440 | 692520105 | 692521106 | 245 | 6/30 |
| 32 | 440 | 693220107 | 693221108 | 245 | 6/30 |
| 40 | 440 | 694020102 | 694021103 | 261 | 6/30 |
| 50 | 440 | 695020103 | 695021104 | 261 | 6/30 |
| 63 | 440 | 696320103 | 696321104 | 261 | 6/30 |



Accessories for TRONIC11, TRONIC11-QC and TRONIC11-DC

PS/SS T11 is an auxiliary switch used for remote signalling of the MCB to which it is fixed. PS/SS T11 may also be fixed later of the state. Clamps are safe to touch. External dimensions comply with MCB, built-in width is 0,5 module (9 mm). During fitting, the MCB must be switched off.

| Auxiliary switch PS/SS T11 | | | | |
|----------------------------|-----------|---------------|---------------|--------------------|
| type | code No. | contacts | weight [g] | packaging [pcs] |
| PS/SS T11 | 768900101 | 1xNC, 1xNC/NO | 40 | 1/10 |

DA TRONIC11 shunt trip release is fixed to the right side of the miniature circuit breaker TRONIC11 for remote release of the MCB. Dimensions correspond to those of MCB TRONIC11.

| Shunt trip release DA TRONIC11 | | | |
|--------------------------------|-----------|------------|-----------------|
| type | code No. | weight [g] | packaging [pcs] |
| DA TRONIC11 12-60V AC/DC | 770610108 | 110 | 1/54 |
| DA TRONIC11 110-250V AC | 772510107 | 110 | 1/54 |

Miniature circuit breaker TRONIC11 80 -125A

Rated short-circuit capacity
15, 20 kA

Rated current
80 - 125 A

Tripping characteristics
C, D



| 1-pole | | | | |
|-----------|------------|------------|------------|-----------------|
| I_n [A] | code No. C | code No. D | weight [g] | packaging [pcs] |
| 80 | 002131731 | 002151731 | 231 | 2/72 |
| 100 | 002131732 | 002151732 | 231 | 2/72 |
| 125 | 002131733 | | 231 | 2/72 |

| 2-pole | | | | |
|-----------|------------|------------|------------|-----------------|
| I_n [A] | code No. C | code No. D | weight [g] | packaging [pcs] |
| 80 | 002133731 | 002153731 | 466 | 1/36 |
| 100 | 002133732 | 002153732 | 466 | 1/36 |
| 125 | 002133733 | | 466 | 1/36 |

| 3-pole | | | | |
|-----------|------------|------------|------------|-----------------|
| I_n [A] | code No. C | code No. D | weight [g] | packaging [pcs] |
| 80 | 002135731 | 002155731 | 696 | 1/18 |
| 100 | 002135732 | 002155732 | 696 | 1/18 |
| 125 | 002135733 | | 696 | 1/18 |

| 3-pole + N | | | | |
|------------|------------|------------|------------|-----------------|
| I_n [A] | code No. C | code No. D | weight [g] | packaging [pcs] |
| 80 | 002136731 | 002156731 | 860 | 1/18 |
| 100 | 002136732 | 002156732 | 860 | 1/18 |
| 125 | 002136733 | | 860 | 1/18 |

 Accessories for TRONIC11 80 - 125A

Shunt trip release DA TRONIC 80/125 110 - 415V

| code No. B | weight [g] | packaging [pcs] |
|------------|---------------|--------------------|
| 002159321 | 173 | 1/54 |

Auxiliary switch PSM 80/125

| code No. B | weight [g] | packaging [pcs] |
|------------|---------------|--------------------|
| 002159121 | 62 | 1/12 |

 Current limiter PTQ-11

| | | |
|--|----------------------------------|-----------------------------------|
| Rated short-circuit capacity 10 kA | Rated current 6 - 63 A | Rated voltage 230/400 V |
|--|----------------------------------|-----------------------------------|

| 1-pole | | | |
|--------------|-----------|---------------|--------------------|
| I_n [A] | code No. | weight [g] | packaging [pcs] |
| 6 | 700603992 | 124 | 12/60 |
| 10 | 701003995 | 121 | 12/60 |
| 13 | 701303994 | 121 | 12/60 |
| 16 | 701603993 | 121 | 12/60 |
| 20 | 702003996 | 121 | 12/60 |
| 25 | 702503991 | 121 | 12/60 |
| 32 | 703203993 | 121 | 12/60 |
| 40 | 704003998 | 130 | 12/60 |
| 50 | 705003999 | 130 | 12/60 |
| 63 | 706303999 | 130 | 12/60 |

| 3-pole | | | |
|--------------|-----------|---------------|--------------------|
| I_n [A] | code No. | weight [g] | packaging [pcs] |
| 6 | 700633993 | 377 | 4/20 |
| 10 | 701033996 | 367 | 4/20 |
| 13 | 701333995 | 367 | 4/20 |
| 16 | 701633994 | 367 | 4/20 |
| 20 | 702033997 | 367 | 4/20 |
| 25 | 702533992 | 367 | 4/20 |
| 32 | 703233994 | 367 | 4/20 |
| 40 | 704033999 | 393 | 4/20 |
| 50 | 705033990 | 393 | 4/20 |
| 63 | 706333990 | 393 | 4/20 |

Tripping characteristics

| Test current | Tripping time | Result |
|------------------|--------------------------|-------------|
| $1,1 \times I_n$ | $t > 3600 \text{ s}$ | No tripping |
| $1,4 \times I_n$ | $2 < t < 900 \text{ s}$ | Tripping |
| $2,5 \times I_n$ | $0,5 < t < 60 \text{ s}$ | Tripping |
| $10 \times I_n$ | $t > 0,1 \text{ s}$ | No tripping |
| $20 \times I_n$ | $t < 0,1 \text{ s}$ | Tripping |

Application

- Limiting the consumption of electric power based on current overload
- Protection against short circuit.

Dimensions

- A single pole device (width 1 module) – dimensions fit circuit breaker TRONIC 11
- Three-pole device: width of 3 modules

Built-in

- Domestic distribution boards (built-in and surface-mounted), it is possible to seal the connecting terminals with special sealing peace.
- Surface-mounted distribution board NE 2 (distribution board width: 2 moduls) for a single pole device
- Surface-mounted distribution board NE 4 (distribution board width: 4 moduls) for three pole device
- Sealing available for both NE 2 and NE 4.



Residual current circuit breakers

Residual current circuit breakers MFIN are used for protection against indirect touching of parts under voltage, for prevention of lasting voltage on earthed parts which should appear because of a defect in the electrical installation and for protection against direct contacts of parts under voltage in case of $I_{\Delta n} \leq 30\text{mA}$. Residual current circuit breakers can be used in TN-S, TN-C, TT and IT network systems or with other words in all systems where neutral and protective conductor are separated (VDE 0100 Part 410).

Types - Our programme comprises residual current circuit breakers which are sensitive to alternating residual current (AC-type) and residual current circuit breakers which are sensitive to alternating and pulsating direct current (A-type).

| | MFIN 2 | | | | MFIN 4 | | | | |
|---|--------|---------|--------|---------|--------|---------|--------|--------|---------|
| | type A | type AC | type G | type UT | type A | type AC | type S | type G | type UT |
| For alternating residual current | | ✓ | ✓ | | | ✓ | ✓ | ✓ | |
| For alternating and pulsating direct residual current | ✓ | | | ✓ | ✓ | | | | ✓ |
| Short-circuit capacity with back-up fuse | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| lower temperature limit of application -25°C | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| VDE 0664, part 1 (up to 80 A) | ✓ | | | | ✓ | | | | |
| Selective (time delayed min. 40 ms) | | | | | | | ✓ | | |
| Short time delayed (min. 10 ms) | | | ✓ | | | | | ✓ | |
| Unwanted tripping | | | | ✓ | | | | | ✓ |

Note: Tripping time according to standard IEC 61008

Residual current circuit breaker MFIN-2

Rated residual current **0,03 - 0,5 A** Rated current **16 - 80 A** type **A, AC, G**

| MFIN-2 type A, MFIN-2 type AC | | | | | | |
|-------------------------------|--------------------|-----------------|------------|-------------|------------|-----------------|
| I_n [A] | $I_{\Delta n}$ [A] | number of poles | code No. A | code No. AC | weight [g] | packaging [pcs] |
| 16 | 0,03 | 2 | 002062521 | 002062121 | 229 | 1/54 |
| 25 | 0,03 | 2 | 002062522 | 002062122 | 229 | 1/54 |
| 40 | 0,03 | 2 | 002062523 | 002062123 | 229 | 1/54 |
| 63 | 0,03 | 2 | 002062524 | 002062124 | 244 | 1/54 |
| 80 | 0,03 | 2 | 002062525 | 002062125 | 244 | 1/54 |
| 16 | 0,1 | 2 | 002063521 | 002063121 | 223 | 1/54 |
| 25 | 0,1 | 2 | 002063522 | 002063122 | 223 | 1/54 |
| 40 | 0,1 | 2 | 002063523 | 002063123 | 223 | 1/54 |
| 63 | 0,1 | 2 | 002063524 | 002063124 | 227 | 1/54 |
| 80 | 0,1 | 2 | 002063525 | 002063125 | 230 | 1/54 |
| 16 | 0,3 | 2 | 002064521 | 002064121 | 223 | 1/54 |
| 25 | 0,3 | 2 | 002064522 | 002064122 | 223 | 1/54 |
| 40 | 0,3 | 2 | 002064523 | 002064123 | 223 | 1/54 |
| 63 | 0,3 | 2 | 002064524 | 002064124 | 227 | 1/54 |
| 80 | 0,3 | 2 | 002064525 | 002064125 | 230 | 1/54 |
| 16 | 0,5 | 2 | 002065521 | 002065121 | 223 | 1/54 |
| 25 | 0,5 | 2 | 002065522 | 002065122 | 223 | 1/54 |
| 40 | 0,5 | 2 | 002065523 | 002065123 | 223 | 1/54 |
| 63 | 0,5 | 2 | 002065524 | 002065124 | 227 | 1/54 |
| 80 | 0,5 | 2 | 002065525 | 002065125 | 230 | 1/54 |



Residual current circuit breaker MFIN-4

 Rated residual current
0,03 - 0,5 A

 Rated current
16 - 80 A

 type
A, AC

| MFIN-4 type A, MFIN-4 type AC | | | | | | |
|-------------------------------|-----------------------|--------------------|------------|-------------|---------------|--------------------|
| I_n [A] | $I_{\Delta n}$ [A] | number of poles | code No. A | code No. AC | weight [g] | packaging [pcs] |
| 16 | 0,03 | 4 | 002062541 | 002062141 | 393 | 1/27 |
| 25 | 0,03 | 4 | 002062542 | 002062142 | 393 | 1/27 |
| 40 | 0,03 | 4 | 002062543 | 002062143 | 393 | 1/27 |
| 63 | 0,03 | 4 | 002062544 | 002062144 | 400 | 1/27 |
| 80 | 0,03 | 4 | 002062545 | 002062145 | 407 | 1/27 |
| 16 | 0,1 | 4 | 002063541 | 002063141 | 393 | 1/27 |
| 25 | 0,1 | 4 | 002063542 | 002063142 | 393 | 1/27 |
| 40 | 0,1 | 4 | 002063543 | 002063143 | 393 | 1/27 |
| 63 | 0,1 | 4 | 002063544 | 002063144 | 400 | 1/27 |
| 80 | 0,1 | 4 | 002063545 | 002063145 | 407 | 1/27 |
| 16 | 0,3 | 4 | 002064541 | 002064141 | 364 | 1/27 |
| 25 | 0,3 | 4 | 002064542 | 002064142 | 364 | 1/27 |
| 40 | 0,3 | 4 | 002064543 | 002064143 | 364 | 1/27 |
| 63 | 0,3 | 4 | 002064544 | 002064144 | 372 | 1/27 |
| 80 | 0,3 | 4 | 002064545 | 002064145 | 372 | 1/27 |
| 16 | 0,5 | 4 | 002065541 | 002065141 | 364 | 1/27 |
| 25 | 0,5 | 4 | 002065542 | 002065142 | 364 | 1/27 |
| 40 | 0,5 | 4 | 002065543 | 002065143 | 364 | 1/27 |
| 63 | 0,5 | 4 | 002065544 | 002065144 | 372 | 1/27 |
| 80 | 0,5 | 4 | 002065545 | 002065145 | 372 | 1/27 |

* type with N-pole on the left side is also available.



Accessories for residual current circuit breakers MFIN (16 - 80 A)

The PS MFIN is fixed to MFIN series switches. The width of the device is 9 mm, other dimensions are in compliance with MFIN switches. The auxiliary switch PS MFIN is used for the remote signalling of the state of contact's condition (close/open) of MFIN switches. During fitting, the MFIN must be switched off.

| Auxiliary Switch PS MFIN | | | | |
|--------------------------|---------------------|-----------|---------------|--------------------|
| type | contact | code No. | weight [g] | packaging [pcs] |
| PS MFIN - MD | b-contact/a-contact | 002069001 | 50 | 1/12 |
| PS MFIN - 2M | 2 x b-contact | 002069002 | 50 | 1/12 |
| PS MFIN - 2D | 2 x a-contact | 002069003 | 50 | 1/12 |

a - contact = make contact (NO)

b - contact = break contact (NC)

| Sealing piece MFIN-2 | | |
|----------------------|---------------|--------------------|
| code No. | weight [g] | packaging [pcs] |
| 002069011 | 2 | 2 |

| Sealing piece MFIN-4 | | |
|----------------------|---------------|--------------------|
| code No. | weight [g] | packaging [pcs] |
| 002069012 | 3 | 2 |

Residual current circuit breaker MFIN-2 100

Rated residual current
0,03 - 0,3 A

Rated current
100 A

type
A, AC



| MFIN-2 100 type A, MFIN-2 100 type AC | | | | | | |
|---------------------------------------|-----------------------|--------------------|------------|-------------|---------------|--------------------|
| I_n [A] | $I_{\Delta n}$ [A] | number of poles | code No. A | code No. AC | weight [g] | packaging [pcs] |
| 100 | 0,03 | 2 | 002062530 | 002062531 | 400 | 1/27 |
| 100 | 0,1 | 2 | 002062532 | 002062533 | 400 | 1/27 |
| 100 | 0,3 | 2 | 002062534 | 002062535 | 400 | 1/27 |

Residual current circuit breaker MFIN-4 100

Rated residual current
0,03 - 0,3 A

Rated current
100 A

type
A, AC



| MFIN-4 100 type A, MFIN-4 100 type AC | | | | | | |
|---------------------------------------|-----------------------|--------------------|------------|-------------|---------------|--------------------|
| I_n [A] | $I_{\Delta n}$ [A] | number of poles | code No. A | code No. AC | weight [g] | packaging [pcs] |
| 100 | 0,03 | 4 | 002062150 | 002062151 | 320 | 1/27 |
| 100 | 0,1 | 4 | 002062152 | 002062153 | 320 | 1/27 |
| 100 | 0,3 | 4 | 002062154 | 002062155 | 320 | 1/27 |

Residual current circuit breaker MFIN-2 UT

Rated residual current
0,03 A

Rated current
25 A

type
A



| EFI-2 UT type A | | | | | | |
|-----------------|-----------------------|--------------------|------------|---------------|--------------------|--|
| I_n [A] | $I_{\Delta n}$ [A] | number of poles | code No. A | weight [g] | packaging [pcs] | |
| 25 | 0,03 | 2 | 852528418 | 260 | 1/10 | |

Residual current circuit breaker MFIN-4 UT

Rated residual current
0,03 - 0,5 A

Rated current
25 - 63 A

type
A

| EFI-4 UT type A | | | | | | |
|-----------------|-----------------------|--------------------|------------|---------------|--------------------|--|
| I_n [A] | $I_{\Delta n}$ [A] | number of poles | code No. A | weight [g] | packaging [pcs] | |
| 25 | 0,03 | 4 | 852548411 | 453 | 1/10 | |
| 40 | 0,03 | 4 | 854048418 | 453 | 1/10 | |
| 63 | 0,03 | 4 | 856348419 | 470 | 1/10 | |
| 40 | 0,1 | 4 | 854041411 | 470 | 1/10 | |
| 63 | 0,1 | 4 | 856341412 | 470 | 1/10 | |
| 40 | 0,3 | 4 | 854043413 | 470 | 1/10 | |
| 63 | 0,3 | 4 | 856343414 | 470 | 1/10 | |
| 40 | 0,5 | 4 | 854045415 | 470 | 1/10 | |
| 63 | 0,5 | 4 | 856345416 | 470 | 1/10 | |

Residual current circuit breaker MFIN-4 S

 Rated residual current
0,3 A

 Rated current
40 - 63 A

 type
A, AC

| MFIN-4 S type A, MFIN-4 S type AC | | | | | | |
|-----------------------------------|-----------------------|--------------------|------------|-------------|---------------|--------------------|
| I_n [A] | $I_{\Delta n}$ [A] | number of poles | code No. A | code No. AC | weight [g] | packaging [pcs] |
| 40 | 0,3 | 4 | 859443410 | 002064243 | 400 | 1/27 |
| 63 | 0,3 | 4 | 859643416 | 002064244 | 400 | 1/27 |



Residual current circuit breaker MFIN-4 KV/G

 Rated residual current
0,03 A

 Rated current
40 A

 type
A

| MFIN-4 KV/G type A | | | | | | |
|--------------------|-----------------------|--------------------|------------|---------------|--------------------|--|
| I_n [A] | $I_{\Delta n}$ [A] | number of poles | code No. A | weight [g] | packaging [pcs] | |
| 40 | 0,03 | 4 | 854088416 | 400 | 1/27 | |



Accessories for residual current circuit breakers MFIN UT, MFIN S, MFIN KV/G

PS/SS is an auxiliary switch used for remote signalling of the MCB to which it is fixed. PS/SS may also be fixed later of the state. Clamps are safe to touch. External dimensions comply with MFIN, built-in width is 0,5 module (9 mm). During fitting, the MFIN must be switched off.

| Auxiliary switch PS/SS | | | | | |
|------------------------|-----------|---------------|---------------|--------------------|--|
| type | code No. | contacts | weight [g] | packaging [pcs] | |
| PS/SS | 769900102 | 1xNC, 1xNC/NO | 40 | 1/10 | |

Residual current circuit breakers with integral overcurrent protection

Residual current circuit breaker with integral overcurrent protection LAT-2M

| | | | |
|--|----------------------------------|--|--|
| Rated short-circuit capacity 10 kA | Rated current 6 - 40 A | Tripping characteristic B, C | Rated residual current 0,01 - 0,03 - 0,3 A |
|--|----------------------------------|--|--|

Description: LAT (LAT-2M, LAT-3M, LAT-4M 3p, LAT-4M 3p+N and LAT-2M UT) is a residual current circuit breaker combining the features of a miniature circuit-breaker and a residual current circuit breaker and is functionally independent on line voltage. Used primarily in circuits with an increased requirements regarding touch voltage such circuits of portable appliances, in kindergartens, schools and hospitals etc.

| LAT-2M $I_{\Delta n} = 30 \text{ mA}$ | | | | | |
|---------------------------------------|------------|------------|------------|------------|--------------------|
| I_n [A] | type A | | type AC | | packaging [pcs] |
| | code No. B | code No. C | code No. B | code No. C | |
| 6 | 002173201 | 002173221 | 002173101 | 002173121 | 1/54 |
| 10 | 002173202 | 002173222 | 002173102 | 002173122 | 1/54 |
| 13 | 002173203 | 002173223 | 002173103 | 002173123 | 1/54 |
| 16 | 002173204 | 002173224 | 002173104 | 002173124 | 1/54 |
| 20 | 002173205 | 002173225 | 002173105 | 002173125 | 1/54 |
| 25 | 002173206 | 002173226 | 002173106 | 002173126 | 1/54 |
| 32 | 002173207 | 002173227 | 002173107 | 002173127 | 1/54 |
| 40 | 002173208 | 002173228 | 002173108 | 002173128 | 1/54 |

| LAT-2M $I_{\Delta n} = 300 \text{ mA}$ | | | |
|--|------------|------------|--------------------|
| I_n [A] | type AC | | packaging [pcs] |
| | code No. B | code No. C | |
| 6 | 002173301 | 002173321 | 1/54 |
| 10 | 002173302 | 002173322 | 1/54 |
| 13 | 002173303 | 002173323 | 1/54 |
| 16 | 002173304 | 002173324 | 1/54 |
| 20 | 002173305 | 002173325 | 1/54 |
| 25 | 002173306 | 002173326 | 1/54 |
| 32 | 002173307 | 002173327 | 1/54 |
| 40 | 002173308 | 002173328 | 1/54 |

| LAT-2M $I_{\Delta n} = 10 \text{ mA}$ | | | |
|---------------------------------------|------------|------------|--------------------|
| I_n [A] | type A | | packaging [pcs] |
| | code No. B | code No. C | |
| 6 | 002173211 | 002173231 | 1/54 |
| 10 | 002173212 | 002173232 | 1/54 |
| 13 | 002173213 | 002173233 | 1/54 |
| 16 | 002173214 | 002173234 | 1/54 |

Residual current circuit breaker with integral overcurrent protection LAT-3M

| | | | |
|--|----------------------------------|--|---|
| Rated short-circuit capacity 10 kA | Rated current 6 - 25 A | Tripping characteristic B, C | Rated residual current 0,03 A |
|--|----------------------------------|--|---|

| LAT-3M $I_{\Delta n} = 30 \text{ mA}$ | | | |
|---------------------------------------|------------|------------|--------------------|
| I_n [A] | type A | | packaging [pcs] |
| | code No. B | code No. C | |
| 6 | 002173801 | 002173821 | 1/36 |
| 10 | 002173802 | 002173822 | 1/36 |
| 13 | 002173803 | 002173823 | 1/36 |
| 16 | 002173804 | 002173824 | 1/36 |
| 20 | 002173805 | 002173825 | 1/36 |
| 25 | 002173806 | 002173826 | 1/36 |

Residual current circuit breaker with integral overcurrent protection LAT-4M 3p

| | | | |
|--|----------------------------------|--|---|
| Rated short-circuit capacity 10 kA | Rated current 6 - 32 A | Tripping characteristic B, C | Rated residual current 0,03 A |
|--|----------------------------------|--|---|

| LAT-4M 3p $I_{\Delta n} = 30 \text{ mA}$ | | | | | | |
|--|------------|------------|------------|------------|---------------|--------------------|
| I_n [A] | type A | | type AC | | weight [g] | packaging [pcs] |
| | code No. B | code No. C | code No. B | code No. C | | |
| 6 | 002174701 | 002174721 | 002174801 | 002174821 | 478 | 1/27 |
| 10 | 002174702 | 002174722 | 002174802 | 002174822 | 478 | 1/27 |
| 13 | 002174703 | 002174723 | 002174803 | 002174823 | 478 | 1/27 |
| 16 | 002174704 | 002174724 | 002174804 | 002174824 | 478 | 1/27 |
| 20 | 002174705 | 002174725 | 002174805 | 002174825 | 478 | 1/27 |
| 25 | 002174706 | 002174726 | 002174806 | 002174826 | 478 | 1/27 |
| 32 | 002174707 | 002174727 | 002174807 | 002174827 | 478 | 1/27 |

NEW!

Residual current circuit breaker with integral overcurrent protection LAT-4M 3p+N

| | | | |
|--|----------------------------------|--|---|
| Rated short-circuit capacity 10 kA | Rated current 6 - 32 A | Tripping characteristic B, C | Rated residual current 0,03 A |
|--|----------------------------------|--|---|

| LAT-4M 3p+N $I_{\Delta n} = 30 \text{ mA}$ | | | | | | |
|--|------------|------------|------------|------------|---------------|--------------------|
| I_n [A] | type A | | type AC | | weight [g] | packaging [pcs] |
| | code No. B | code No. C | code No. B | code No. C | | |
| 6 | 002174901 | 002174921 | 002174001 | 002174021 | 478 | 1/27 |
| 10 | 002174902 | 002174922 | 002174002 | 002174022 | 478 | 1/27 |
| 13 | 002174903 | 002174923 | 002174003 | 002174023 | 478 | 1/27 |
| 16 | 002174904 | 002174924 | 002174004 | 002174024 | 478 | 1/27 |
| 20 | 002174905 | 002174925 | 002174005 | 002174025 | 478 | 1/27 |
| 25 | 002174906 | 002174926 | 002174006 | 002174026 | 478 | 1/27 |
| 32 | 002174907 | 002174927 | 002174007 | 002174027 | 478 | 1/27 |

NEW!

Residual current circuit breaker with integral overcurrent protection LAT-2M UT

| | | | |
|--|------------------------------|--|---|
| Rated short-circuit capacity 10 kA | Rated current 16 A | Tripping characteristic B, C | Rated residual current 0,03 A |
|--|------------------------------|--|---|

| LAT-2M UT $I_{\Delta n} = 30 \text{ mA}$ | | | | |
|--|------------|------------|---------------|--------------------|
| I_n [A] | type A | | weight [g] | packaging [pcs] |
| | code No. B | code No. C | | |
| 16 | 741615323 | 741616324 | 290 | 1/10 |

Accessories for residual current circuit breaker with integral overcurrent protection LAT-2M UT

PS/SS is an auxiliary switch used for remote signalling of the MCB to which it is fixed. PS/SS may also be fixed later of the state. Clamps are safe to touch. External dimensions comply with LAT-2M UT, built-in width is 0,5 module (9 mm). During fitting, the LAT-2M UT must be switched off.

| Auxiliary switch PS/SS | | | | |
|------------------------|-----------|---------------|------------|-----------------|
| type | code No. | contacts | weight [g] | packaging [pcs] |
| PS/SS | 769900102 | 1xNC, 1xNC/NO | 40 | 1/10 |

Build-in switch

Build-in switch SV

Rated current
100 A

Utilization category
AC-22B

Application

Build-in switch is used as a main switch in distribution boxes in houses or as a switch for individual electric circuits. With a build-in switch we can completely replace the cam switch. Build-in switch can be sealed either in ON or OFF position.

Advantages

Build-in switch has a more robust and simple construction and therefore a more reliable operation. It also shows the status of the contacts. With an additional label the circuit in which the switch is built in can be marked. Switches with $I_n \leq 63A$ have a double switching OFF.

| 1-pole | | | | | | |
|---------|-----------|-----------|-----------|----------------------|------------|-----------------|
| type | I_n [A] | code No. | U_n [V] | utilization category | weight [g] | packaging [pcs] |
| SV 1100 | 100 | 002423116 | 230/400 | AC-22B | 90 | 12/108 |

| 2-pole | | | | | | |
|---------|-----------|-----------|-----------|----------------------|------------|-----------------|
| type | I_n [A] | code No. | U_n [V] | utilization category | weight [g] | packaging [pcs] |
| SV 2100 | 100 | 002423216 | 400 | AC-22B | 180 | 6/54 |

| 3-pole | | | | | | |
|---------|-----------|-----------|-----------|----------------------|------------|-----------------|
| type | I_n [A] | code No. | U_n [V] | utilization category | weight [g] | packaging [pcs] |
| SV 3100 | 100 | 002423316 | 400 | AC-22B | 270 | 4/36 |

| 4-pole | | | | | | |
|---------|--------------|-----------|--------------|-------------------------|---------------|--------------------|
| type | I_n [A] | code No. | U_n [V] | utilization category | weight [g] | packaging [pcs] |
| SV 4100 | 100 | 002423416 | 400 | AC-22B | 360 | 3/27 |

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