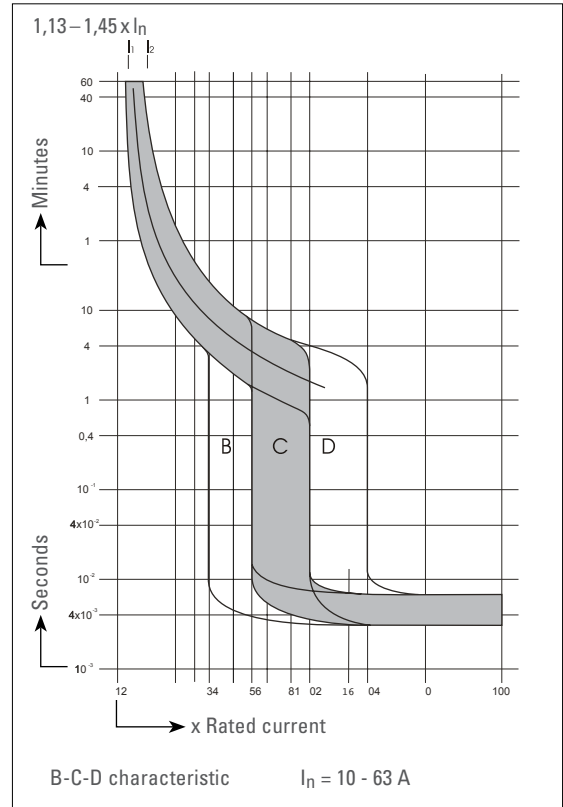
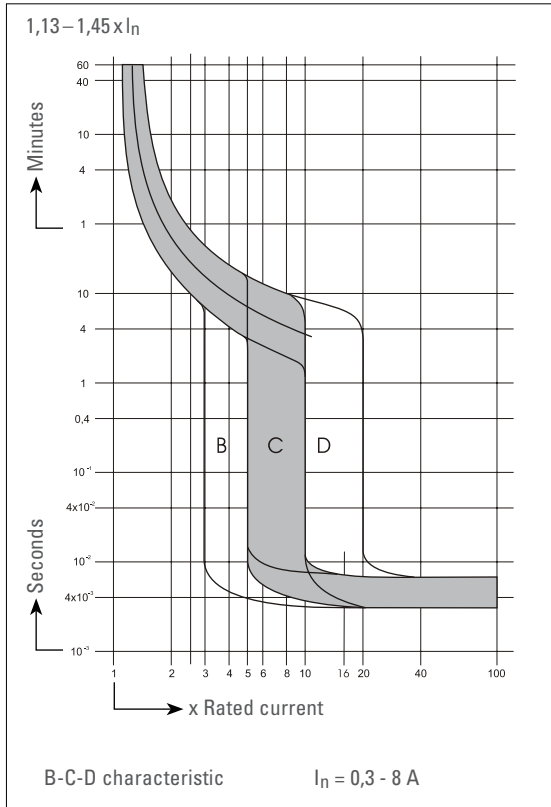


MINIATURE CIRCUIT BREAKERS S, SL AND T PRODUCT RANGES

Characteristic acc. to IEC 60898-1



Delayed thermal overload tripping

- I_n** = **Rated current**
Current which the miniature circuit breaker can sustain in uninterrupted operation
- I_b** = **Rated operational current**
Current determined by the load during undisturbed operation
- I₁** = **Thermal not tripping current**
Current which, under defined conditions, does not lead to switching off within 60 min
- I₂** = **Thermal tripping current**
Current which, under defined conditions, leads to switching off within 60 min
- I₁ zu I₂** = **Conditions**
Current which, under defined conditions, is run up from I₁ to I₂ with a continuous increase, and leads to switch off within 60 min
- I₃** = **Tolerance limitation**
at 2.55-times the rated current / nominal current
Current which, under defined conditions, does not lead to switch off within 1 sec
Current which, under defined conditions, leads to switch off at rated currents up to 32 A within 60 sec, at rated currents above 32 A within 120 sec

Undelayed electromagnetic short circuit tripping

- I₄** = **Magnetic not tripping current**
Current which, under defined conditions, does not lead to switching off within 0.1 sec
- I₅** = **Magnetic tripping current**
Current which, under defined conditions, leads to switching off within 0.1 sec

Dependence of the short circuit trip at higher frequencies and for direct current.

- at 100 Hz about 1.1 times
- at 200 Hz about 1.2 times
- at 300 Hz about 1.3 times
- at 400 Hz about 1.4 times
- at 500 Hz about 1.5 times
- for DC about 1.5 times

MINIATURE CIRCUIT BREAKERS S, SL AND T PRODUCT RANGE

Characteristic acc. to IEC 60947-2

