1

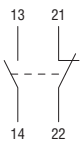
ADD-ON BLOCKS

For SM1… types

Front mount auxiliary contacts

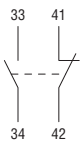
SMX11 20

SMX11 11

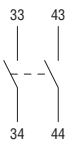


Side mount auxiliary contacts

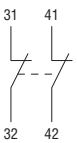
SMX12 11



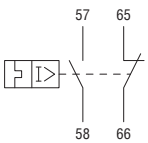
SMX12 20



SMX12 02



SMX13 11



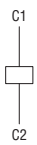
Side mount undervoltage trip releases

SMX14…

SMX15…

Side mount shunt trip release

SMX16…

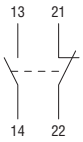


For SM2A… and SM3A types

Front mount auxiliary contacts

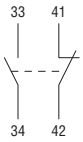
SMX20 11

SMX21 11

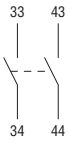


Side mount auxiliary contacts

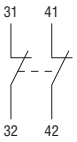
SMX22 11



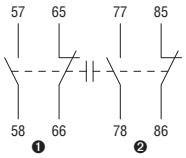
SMX22 20



SMX22 02



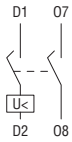
SMX23 11



Side mount undervoltage trip releases

SMX24…

SMX25…



Side mount shunt trip release

SMX26…

❶ Change in event of magnetic and/or thermal tripping.
❷ Change in event of magnetic tripping.
NOTE: During breaker testing, only contacts 57-58 and 65-66 switch.

For LMS25 types

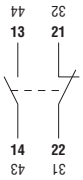
The termination of the LMH... auxiliary contacts has more than one numbering due to the fact that the block can assume various mounting positions.
The numbering in boldface indicates when it is mounted on the left side of the breaker.

Side-mount auxiliary contacts

LMH 01

LMH 10

LMH 11

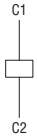


LMH 20

Inside-fitted undervoltage trip and shunt trip releases

LMU…

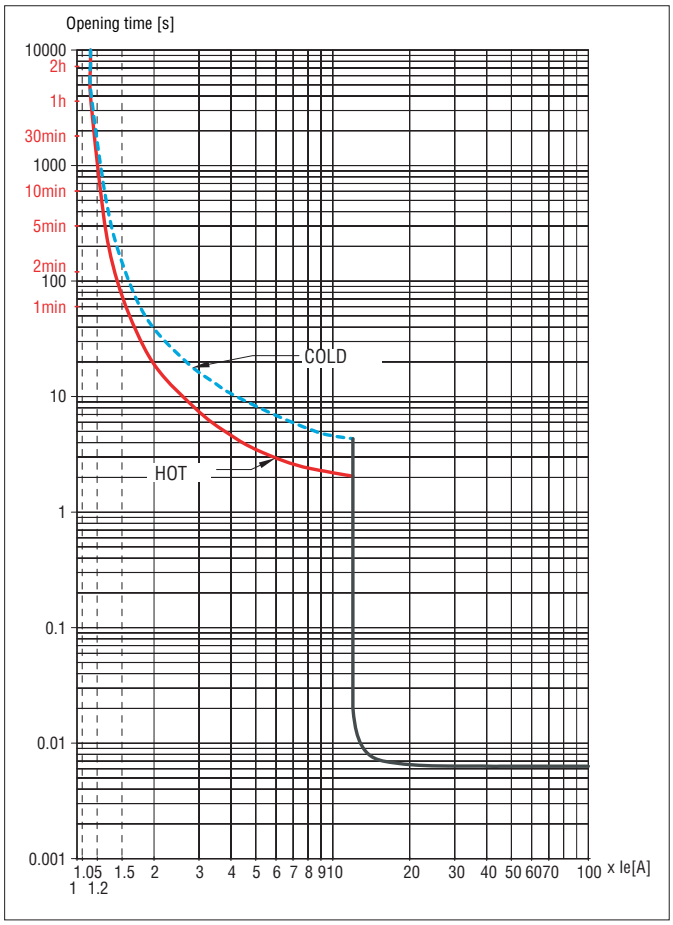
LMA…



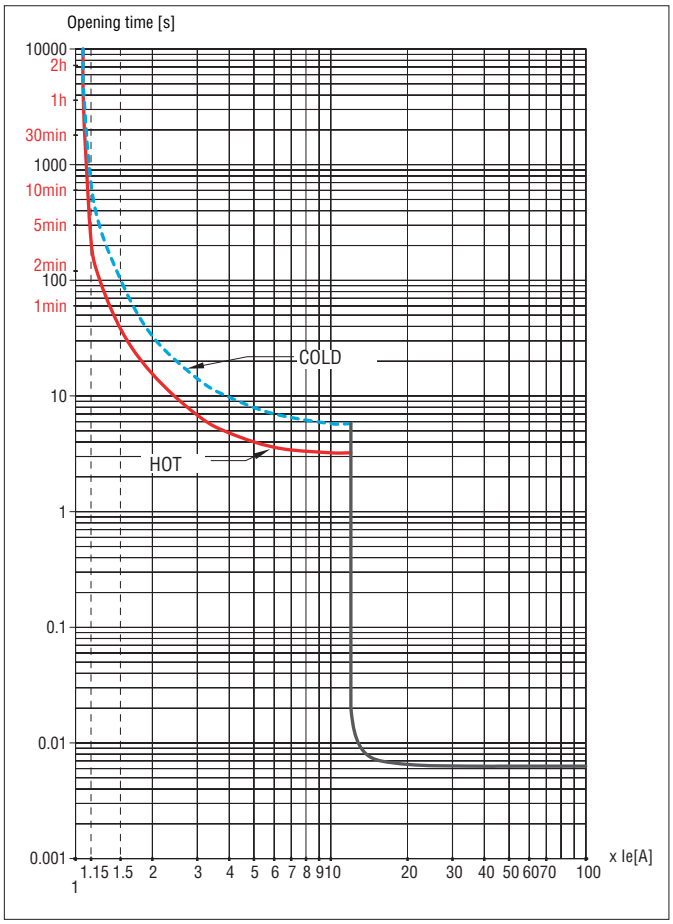
Technical characteristics

THERMAL TRIP CHARACTERISTIC (AVERAGE TIME)

Three-phase balanced operation

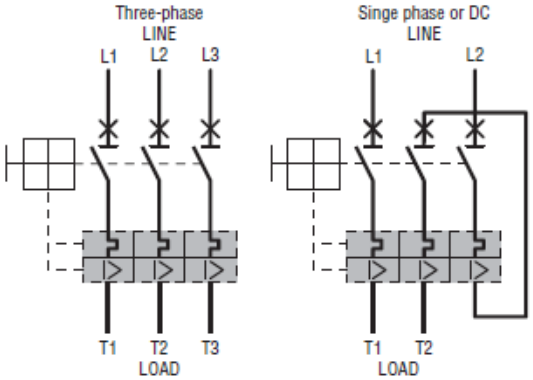


Two-phase operation (phase failure/single phasing)



Tripping times can have a ±20% deviation with respect to the average tripping curve values above.

Wiring diagrams

MOTOR PROTECTION CIRCUIT BREAKERS

SM1A.... – SM1B... – SM1C... and SM2A... – SM3A... and LMS25...