

Overload relays

3-pole thermal overload relays for TeSys D contactors

Operating characteristics

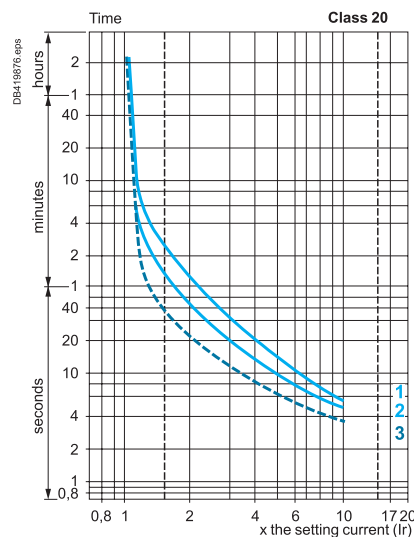
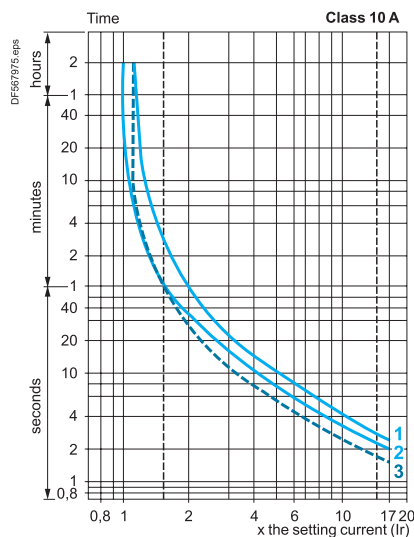
Relay type		LRD01 ...16, LR3D01 ...16	LRD04L... LRD32L	LRD21 ...35, LR3D21 ...35	LRD313 ...365 LR3D 313 ...380 ⁽¹⁾	LRD313L ...365L	LRD3322 ...33696 LR3D3322 ... 33696	LR2D 3522 ... 3563	LRD 4365 ...4369
Temperature compensation		°C	-20...+60						
Tripping threshold	Conforming to IEC 60947-4-1	A	1.14 ±0.06 I _r						
Sensitivity to phase failure			Tripping current 130 % of I _r on two phases, the third phase at 0.						

Tripping curves

Average operating time related to multiples of the setting current

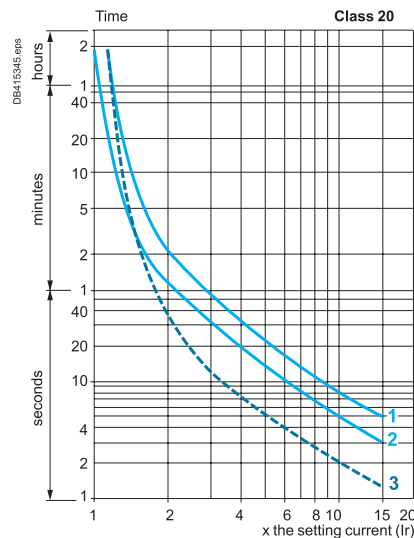
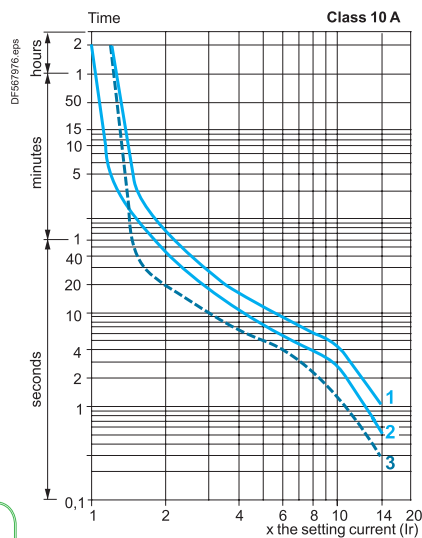
LRD 01 to LRD35, LR2 D and LRD3322 to LRD4369

LRD04L to LRD32L and LR2D3522 to LR2D3563



LRD313 to LRD380 ⁽¹⁾

LRD313L to LRD365L



- 1 Balanced operation, 3-phase, without prior current flow (cold state).
- 2 2-phase operation, without prior current flow (cold state).
- 3 Balanced operation, 3-phase, after a long period at the set current (hot state).

⁽¹⁾ LRD380 available end 2017.