

TeSys™ K-line Mini-Contactors and Starters

Characteristics of Type LR•K Overload Relays

Electrical Characteristics of the Power Circuit

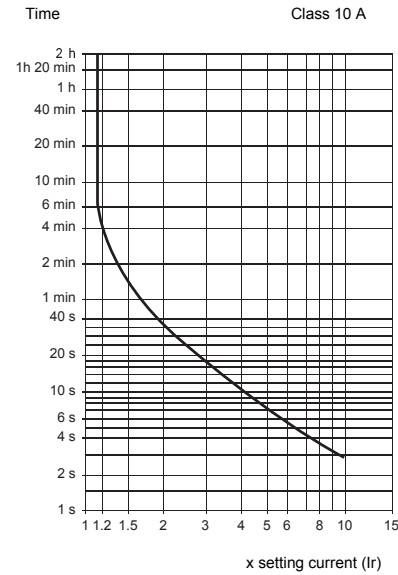
Rated operational voltage (Ve)	Up to	V	690
Rated insulation voltage (Vi)	Conforming to BS 4941	V	690
	Conforming to IEC 60947	V	690
	Conforming to VDE 0110 group C	V	750
	Conforming to UL 508, CSA 22.2 No. 14	V	600
Rated impulse withstand voltage (Vimp)		kV	6
Frequency limits of the operational current		Hz	Up to 400
Power dissipated per pole		W	2
Short-circuit protection and coordination	By circuit breaker	Select in accordance with NEC and local codes	
	By fuses	Maximum 400% of motor FLA	

Operating Characteristics

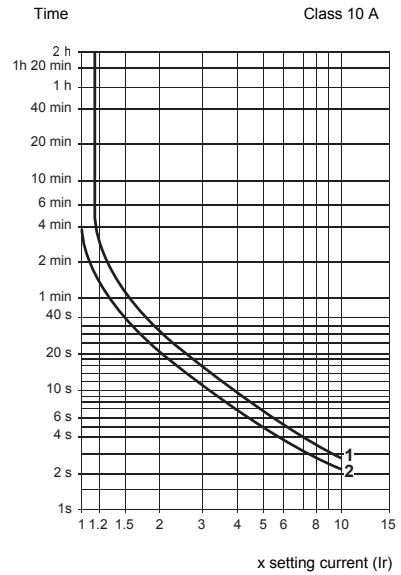
Sensitivity to phase failure	Conforming to IEC 60947	Yes
Reset	Manual or automatic	Selected by means of a lockable and sealable switch on the front of the relay
Signalling	On front of relay	Trip indicator
Reset-Stop function		Pressing the Reset-Stop button: – Actuates the N.C. contact – Has no effect on the N.O. contact
Test function	By pushbutton	Pressing the Test button enables: – Checking of the control circuit wiring – Simulation of overload tripping (actuation of both N.C. and N.O. contacts, and of the trip indicator)

Tripping curves

Average operating time related to multiples of the current setting Class 10 A



Balanced 3-phase operation, from cold state.



Balanced operation with 2-phases only, from cold state.
1 = Setting: at lower end of scale.
2 = Setting: at upper end of scale.