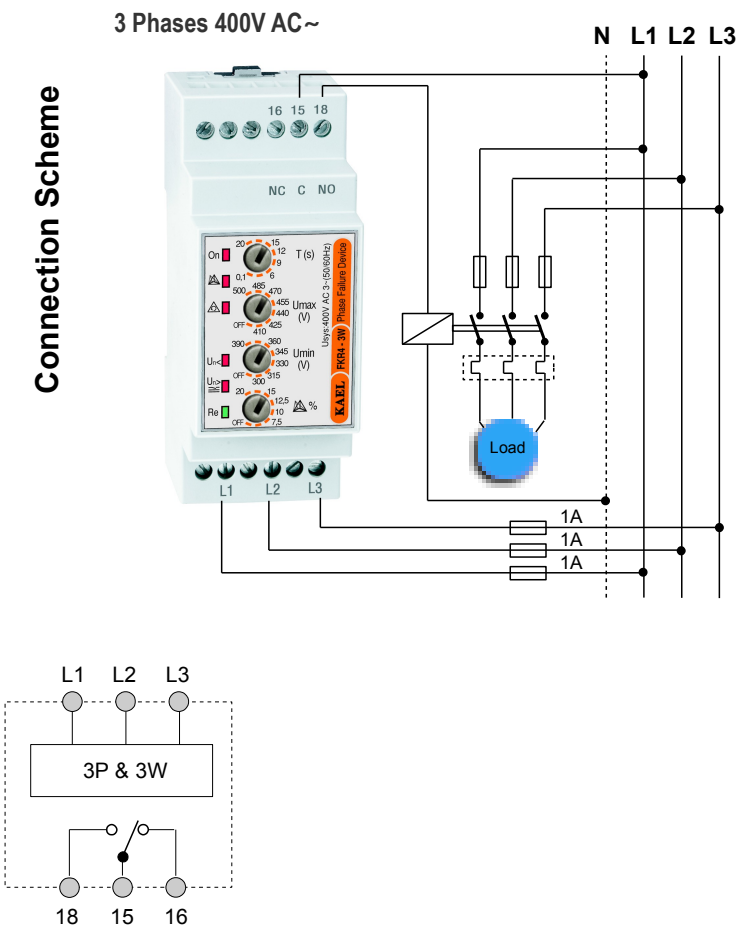
KAEL FKR4 - 3W - 400V △ Phase Failure and Phase Sequence Device

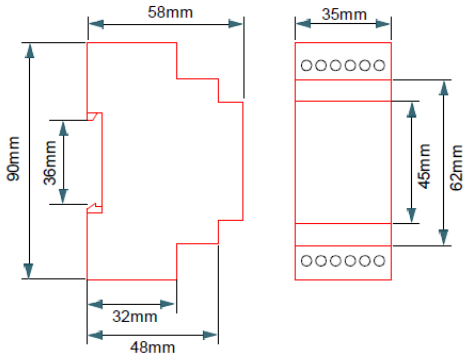
	Phase Sequence Control		
Un <	Over Voltage Protection	OFF,	410V 500V
Un >	Under Voltage Protection	OFF,	300V 390V
	Unbalanced Voltage Protection(Asymmetry)	OFF,	5 % ..... 20 %
	Phase Loss		
	Delay Time		0,1 s ..... 20 s

Connection Scheme



TECHNICAL DATA:

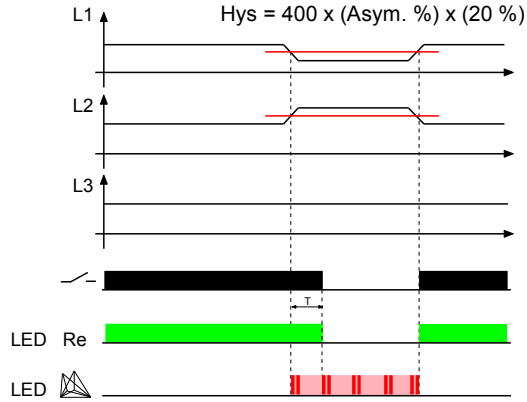
Rated Voltage (Un)	: 3 Phases 400V AC~ ⚠
Operating Range	: (0,75 – 1,25) x Un (Un : nominal voltage)
Frequency	: 50/60 Hz.
Delay Time	: 0,1 – 20 sec.
Contact current	: Max.5 A / 250 Vac
Power Consumption	: < 2 VA
Device Protection Class	: IP20
Connector Protection Class:	IP00
Ambient Temperature	: - 20 °C....+ 60 °C
Connection Type	: To connection rail in electrical panel
Dimensions	: 35x90x58 mm



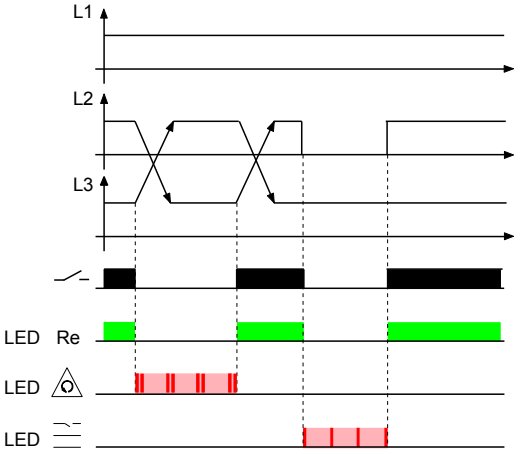
FUNCTIONS

1 Unbalanced Voltage Protection(Asymmetry)

Hys = 400 x (Asym. %) x (20 %)

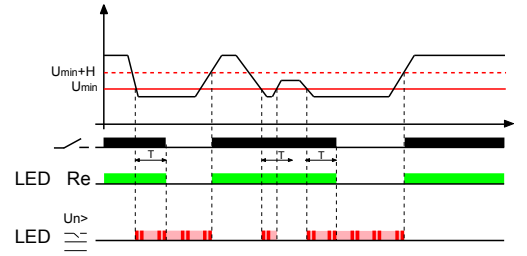


2 Phase Sequence Control and Phase Loss



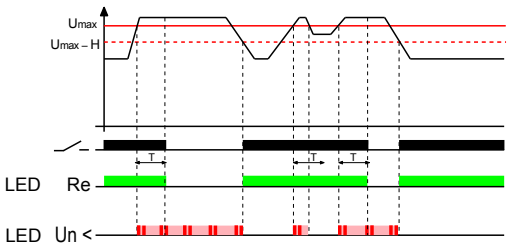
3 Under Voltage Protection (Un >)

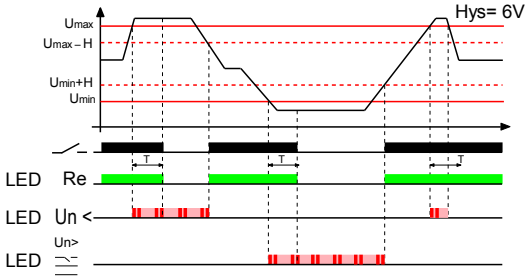
Hys= 6V



4 Over Voltage Protection (Un <)

Hys= 6V



5 Over and Under Voltage Protection (Window mode)

Hys= 6V