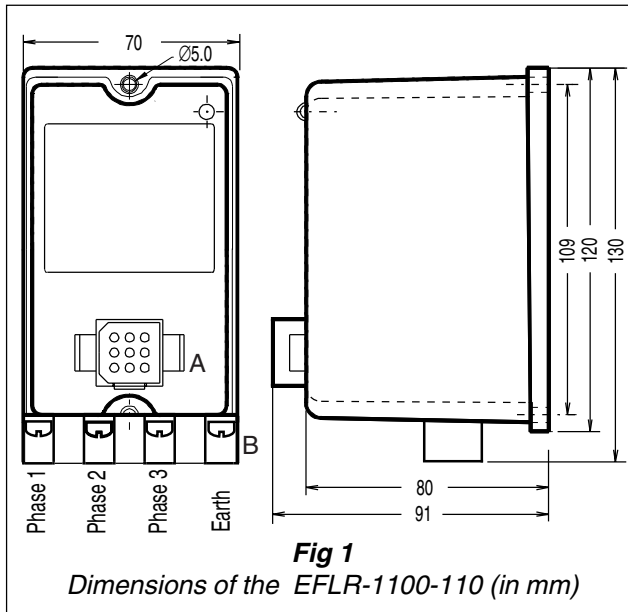


# Earth Fault Lockout Relay Model EFLR-1100-110

## Specifications

### EARTH FAULT LOCKOUT RELAY

The EFLR-1100-110 Earth Fault Lockout Relay prevents the power supply contactor from closing if an earth fault is present on the cable. This ensures that only healthy circuits are energised, eliminating damage to equipment and protecting personnel from potential shock hazard. The unit is normally situated at the load centre and is used in conjunction with a pilot wire relay for contactor control: Fig 2 shows a typical application circuit. Physical dimensions of the relay are shown Fig 1. The relay is connected via a 9 pin Molex plug & terminal block: the connection tables appear in Fig 3.

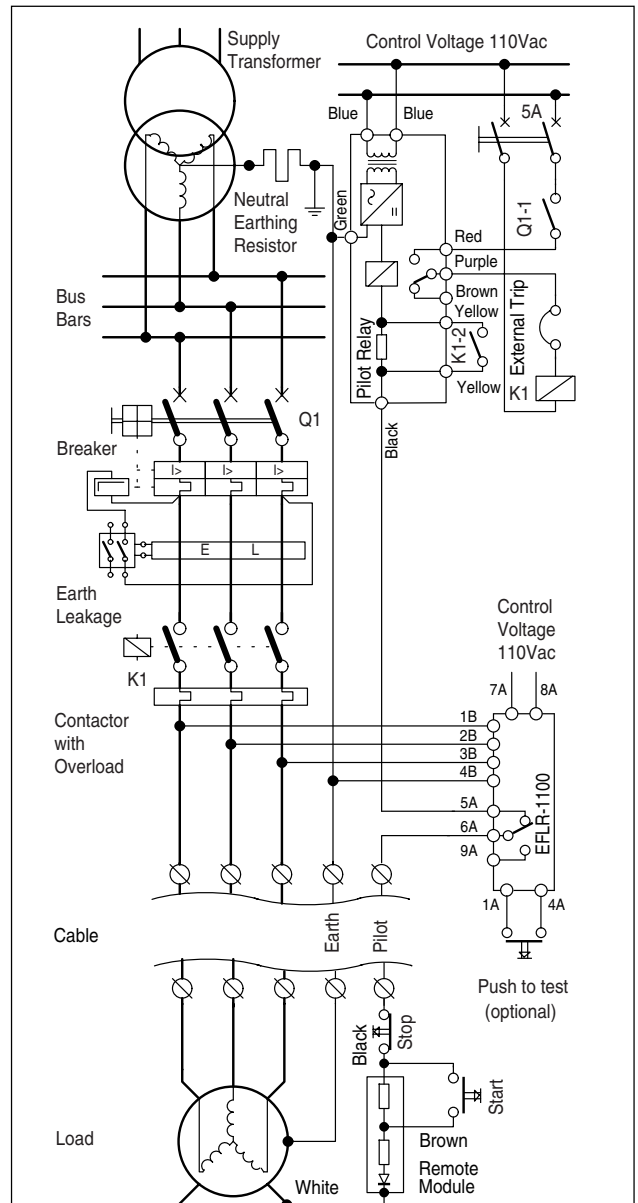


#### Specifications :

Control voltage : 110Vac ± 15%  
 Relay burden : 10VA  
 Output contact : One potential free C/O rated at 5A 220Vac  
 Earth fault detection : 10kΩ Insulation resistance  
 System voltage : 1100Vac 3 phase  
 Max amb temp : 65°C

#### Ordering :

Stock No	Description
111	EFLR-1100-110 Connection leads
106	EFLR-1100-110 Earth Fault Lockout Relay



Plug A			
1A YEL	2A NC	3A NC	1. Yellow: N/O test
4A YEL	5A BRN	6A PUR	2. No connection
7A BLU	8A BLU	9A RED	3. No connection
			4. Yellow: N/O test
			5. Brown : N/C
			6. Purple : Common
			7. Blue : Supply 110V
			8. Blue : Supply 110V
			9. Red : N/O

#### Screw Terminal Connector B

1. Phase 1 : 2. Phase 2 : 3. Phase 3 : 4. Earth

#### Fig 3

Connections for EFLR-1100-110