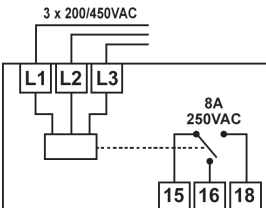

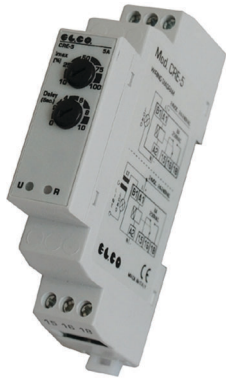

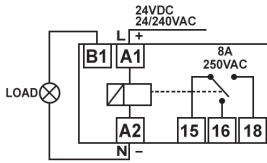
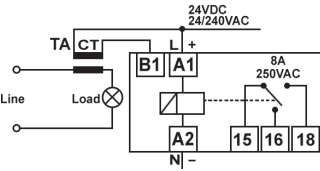
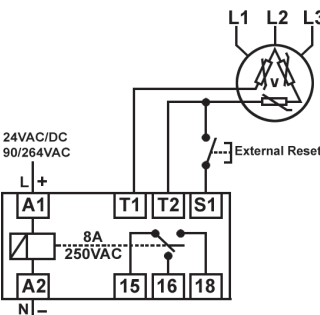


## Motor Protection Relays

Wiring Diagrams	SFE Phase Sequence Relay	CRE-5 Current Relay	MPR PTC-Motor Protection		
<p><b>SFE</b> Phase Sequence Relay</p> 					
<b>Features</b>					
<ul style="list-style-type: none"><li>- Phase sequence / Rotation control</li><li>- Universal three phase supply 3x 200-450VAC</li><li>- Compact size - 1 Module (17.5 mm)</li><li>- DIN rail mounting</li><li>- Output relay 1 pole changeover contact</li></ul>		<ul style="list-style-type: none"><li>- Usable for current sensing from current transformers</li><li>- Supply isn't galvanically isolated from measured current, it must be in the same phase</li><li>- Time range 0-10sec</li><li>- Current range AC/DC (0.25-5A +/-5%)</li><li>- Universal power supply 24VDC/24-240VAC</li><li>- Compact size - 1 Module (17.5mm)</li><li>- DIN rail mounting</li><li>- Output relay 1 pole changeover contact</li></ul>		<ul style="list-style-type: none"><li>- Protection relay for motor with PTC sensor</li><li>- Manual or automatic reset</li><li>- Memory and failure set</li><li>- Sensor test</li><li>- Compact size - 1 Module (17.5 mm)</li><li>- Output relay 1 pole changeover contact</li><li>- DIN rail mounting</li></ul>	
<b>Technical Specifications</b>					
<p><b>INPUT</b> Power supply voltage AC: 3x 200-450VAC Power consumption (max AC): VA: 9 (L1/L2) 1.2 (L3) W: 1.9 Total</p> <p><b>OUTPUT RELAY</b> Rated current: 8A Rated operational voltage: 250VAC / 24VDC Changeover contact: 1 Au+AgCdO</p> <p><b>GENERAL FEATURES</b> Operating temperature: -10/+50°C Storage temperature: -30/+70°C Isolation voltage: 4kV Protection degree: IP40 Relative humidity: 95RH% Weight: 60g Dimensions: 98 x 17.5 x 64 mm</p>		<p><b>INPUT</b> Power supply voltage DC: 24VDC Power supply voltage AC: 24-240 (+ 10%~15%) VAC Power consumption (max AC): VA: 0.25~5</p> <p><b>OUTPUT RELAY</b> Rated current: 8A Rated operational voltage: 250VAC / 24VDC Changeover contact: 1 Au+AgCdO</p> <p><b>GENERAL FEATURES</b> Time delay: sec 0~10 T Operating temperature: -10/+50°C Storage temperature: -30/+70°C Isolation voltage: 4kV Protection degree: IP40 Relative humidity: 95RH% Weight: 65g Dimensions: 98 x 17.5 x 64 mm</p>		<p><b>INPUT</b> Power supply voltage: MPR24: 24VAC/DC MPR230: 90-264 VAC Power consumption (max AC): VA: 14 (2.7W)</p> <p><b>OUTPUT RELAY</b> Rated current: 8A Rated operational voltage: 250VAC / 24VDC Changeover contact: 1 Au+AgCdO</p> <p><b>GENERAL FEATURES</b> Operating temperature: -10/+50°C Storage temperature: -30/+70°C Isolation voltage: 4kV Protection degree: IP40 Relative humidity: 95RH% Weight: 55g Dimensions: 98 x 17.5 x 64 mm</p>	
<p><b>CRE-5</b> Current Relay</p>  					
<p><b>MPR</b> PTC-Motor Protection</p> 					
<b>PART NUMBER</b>	<b>TRADE PRICE</b>	<b>PART NUMBER</b>	<b>TRADE PRICE</b>	<b>PART NUMBER</b>	<b>TRADE PRICE</b>
SFE 2/4		CRE-5		MPR24 MPR230	