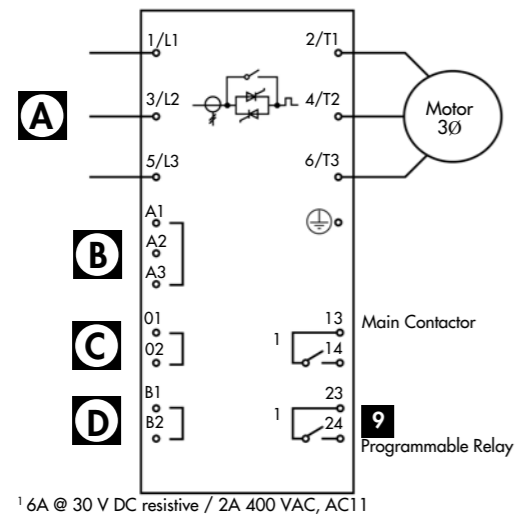
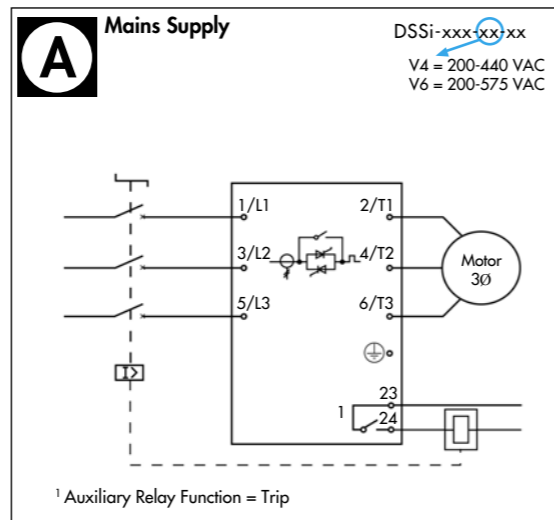




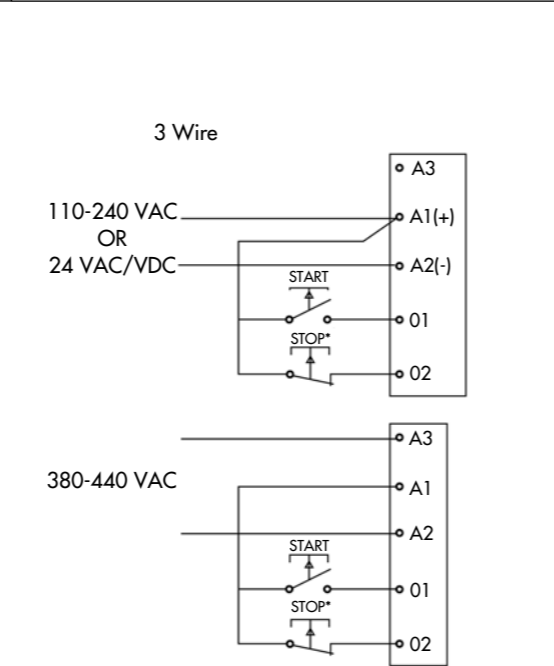
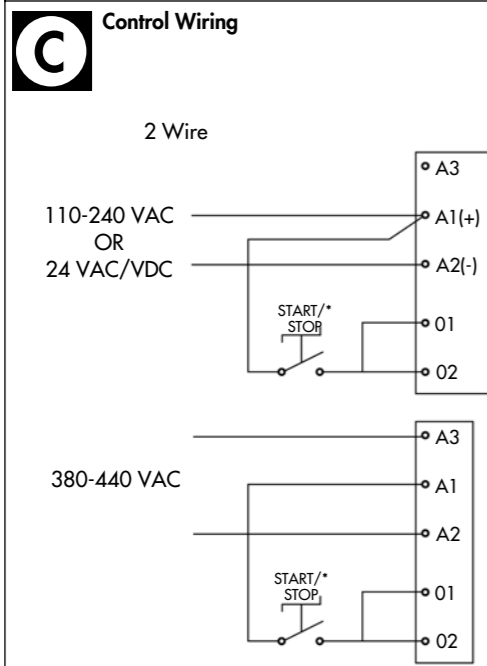
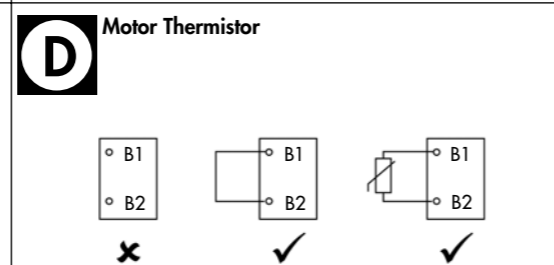
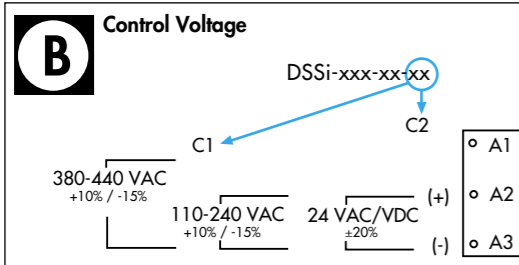
Schematic - DSSi Series



<sup>1</sup> 6A @ 30 V DC resistive / 2A 400 VAC, AC11

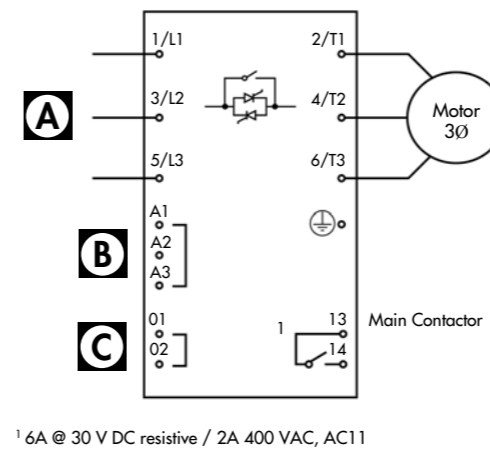


<sup>1</sup> Auxiliary Relay Function = Trip

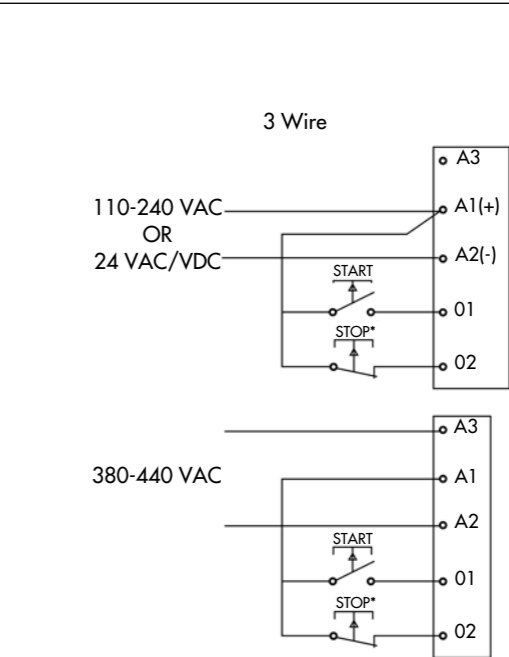
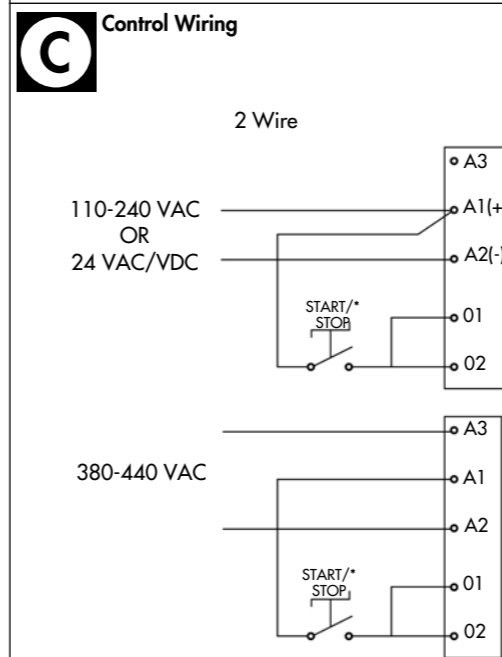
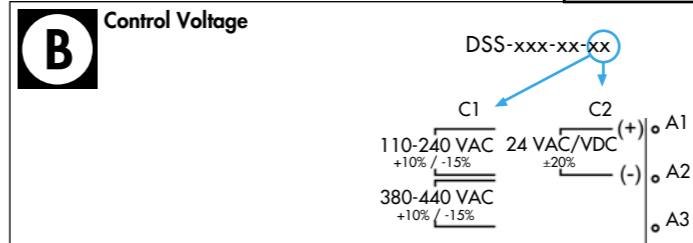
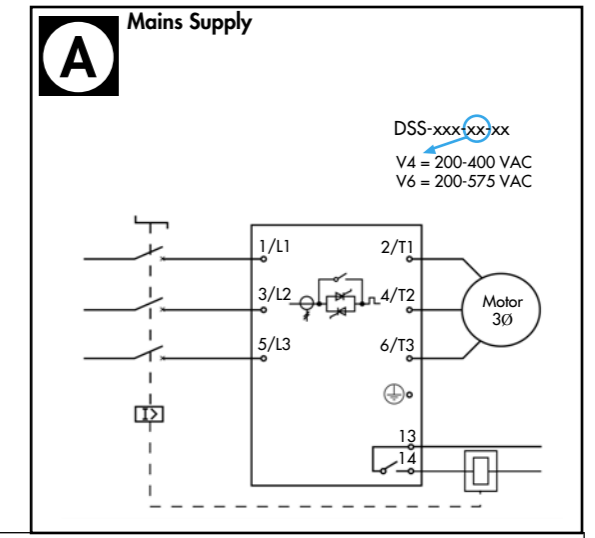


\*Also resets trip states

Schematic - DSS Series

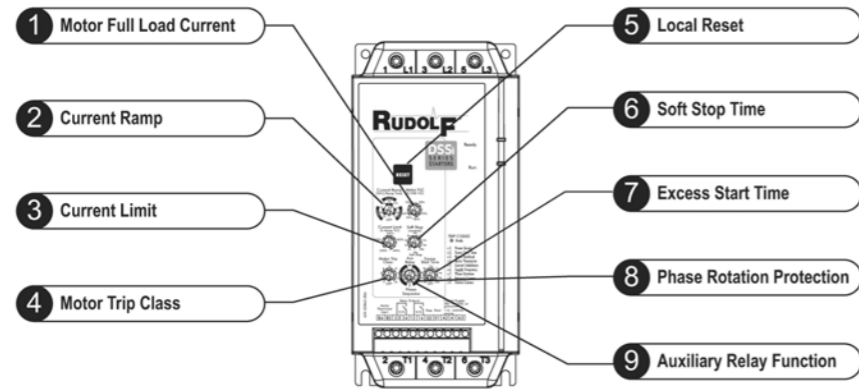


<sup>1</sup> 6A @ 30 V DC resistive / 2A 400 VAC, AC11



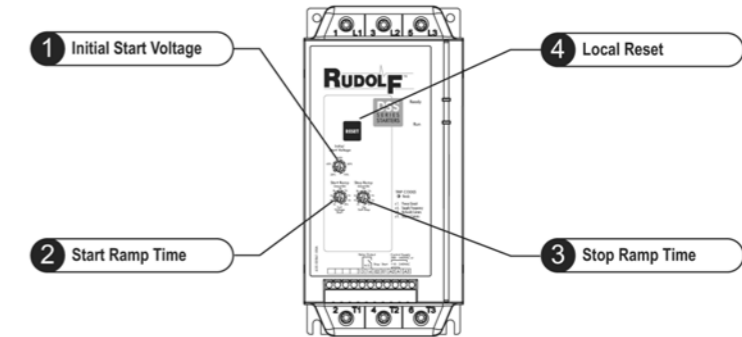
\*Also resets trip states

Schematic - DSSi Series



1. Motor Full Load Current	$x \% = \frac{\text{Motor FLC}}{\text{DSSi FLC}}$										
2. Current Ramp											
3. Current Limit											
4. Motor Trip Class											
5. Local Reset Push Button											
6. Soft Stop Time											
7. Excess Start Time											
8. Phase Rotation Protection	<table border="1"> <tr> <td></td> <td>FWD</td> <td>ANY</td> </tr> <tr> <td></td> <td>✓</td> <td>✓</td> </tr> <tr> <td></td> <td>✗</td> <td>✓</td> </tr> </table>		FWD	ANY		✓	✓		✗	✓	
	FWD	ANY									
	✓	✓									
	✗	✓									
9. Auxiliary Relay Function											

Schematic - DSS Series

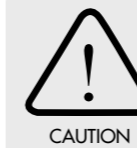


1. Initial Start Voltage		
2. Start Ramp Time		
3. Stop Ramp Time		

Wiring - DSSi Series & DSS Series

	L1/1, L2/3, L3/5, T1/2, T2/4, T3/6 mm <sup>2</sup> (AWG)			A1, A2, A3, 01, 02, B4 B5, 13, 14, 23, 24 mm <sup>2</sup> (AWG)	
	007 ~ 030	037 ~ 055	075 ~ 110	007 ~ 110	
	10 - 35 (8 - 2)	25 - 70 (4 - 2/0)	N.A.		0.14 - 1.5 (26 - 16)
	10 - 35 (8 - 2)	25 - 70 (4 - 2/0)	N.A.		0.14 - 1.5 (26 - 16)
	Torx (T20) 3 - 5 Nm. 2.2 - 3.7 ft-lb	Torx (T20) 4 - 6 Nm. 2.9 - 4.4 ft-lb	N.A.		N.A.
	7 mm 3 - 5 Nm. 2.2 - 3.7 ft-lb	7 mm 4 - 6 Nm. 2.9 - 4.4 ft-lb	N.A.		3.5 mm 0.5 Nm max 4.4 lb-in max

75°C Wire Use copper conductors only



This product is designed for Class A environments. Use of this product in domestic environments may cause ratio interference.

Do not connect power factor correction capacitors between the soft starter and the motor.