## Technical Specifications Manual Controller Switches

30A, 600VAC, 1ø & 3ø

## Pass & Seymour

**□** legrand

#### **Typical Specifications**

Manufacturer's Identification: Pass & Seymour/Legrand 7802 Description: Manual Controller, Double Pole, Single Phase

Rating: 30A, 600VAC max.

3rd Party Compliance: UL Listed, File Number E31169, Standard UL508, Industrial Control Equipment;

CSA Certified, File Number LR17949, Standard CSA-C22.23, No. 14, Industrial

Control Equipment. Conforms to NEMA WD-1 and WD-6.

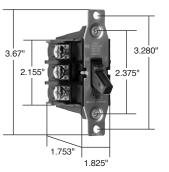
Catalog Number	Rating			Description
□ 7802	General Use 30 600Max.	2 3 7.5 10	120 240 480 600	Double Pole, Single Phase AC Manual Motor Starting Switch (No overload protection)
□ 7802MD	Same as 7802			7802, See Footnote 1
□ 7812P	Same as 7802			7802 in a NEMA 1 Enclosure
☐ 7812PMD	Same as 7802			7812P, See Footnote 1
□ 7812EX	Same as 7802			7802 in a NEMA 7 & 9 Enclosure for Hazardous Locations Class I – Groups C, D; Class II – Groups E, F, G
□ 7832	Same as 7802			7802 in a NEMA 3R Enclosure
□ 7832MD	Same as 7802			7832, See Footnote 1
□ 7803	General Use 30 600Max.	3 7.5 10 20	120 240 480 600	Three Phase, Three Pole AC Manual Motor Starting Switch (No overload protection)
□ 7803MD	Same as 7803			7803, See Footnote 1
□ 7813P	Same as 7803			7803 in a NEMA 1 Enclosure
☐ 7813PMD	Same as 7803			7813P , See Footnote 1
□ 7813EX	Same as 7803			7803 in a NEMA 7 & 9 Enclosure for Hazardous Locations Class I – Groups C, D; Class II – Groups E, F, G
□ 7833	Same as 7803			7803 in a NEMA 3R Enclosure
□ 7833MD	Same as 7803			7803, See Footnote 1

All Industrial Control Equipment is suitable for use in a circuit capable of deliverable not more than 5,000 rms amperes at 600VAC maximum or equivalent.

Footnote 1. Suitable as Motor Disconnect - 10KA @ 600VAC, 30A max. Class J Fuse

Performance						
Electrical Dielectric Withstand Voltage Maximum Working Voltage Overload Temperature Rise Maximum Continuous Current Endurance		600VAC 50 cycles, 13 50°C maxim 30A 1000 Cycles	50 cycles, 132 Amps/600VAC .5 PF 50°C maximum			
Mechanical Terminal Accommodations		#14 AWG –	#14 AWG – #10 AWG copper or copper-clad wire			
Environmental Flammability Operating Temperature		UL94 V2 Maximum co	UL94 V2 Maximum continuous +75°C, minimum -40°C			
Materials						
Back Body Front Body Carrier Toggle Contact Arm Terminals	Nylon Nylon Nylon Nylon Brass Brass		Terminal Screws Leaf Springs Coil Springs Strap Rivets Contacts	Brass Stainless Steel Zinc-Plated Steel Zinc-Plated Steel Brass Silver Cadmium Oxide		

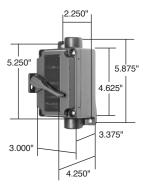
Project			
Location/	Гуре		
	· ·		



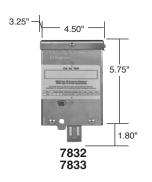
7802 7803



7812P 7813P



7812EX 7813EX

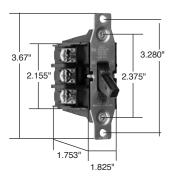


## Pass & Seymour

**L7 legrand** 

# Technical Specifications Manual Controller Switches

40A, 600VAC, 1ø & 3ø



7842 7843

### **Typical Specifications**

Manufacturer's Identification: Pass & Seymour/Legrand 7842 Description: Manual Controller, Double Pole, Single Phase Rating: 40A, 600VAC max.

3rd Party Compliance: UL Listed, File Number E31169, Standard UL508, Industrial Control Equipment; CSA Certified, File Number LR17949, Standard CSA-C22.23, No. 14, Industrial Control Equipment. Conforms to NEMA WD-1 and WD-6.

Catalog Number	Rating			Description
□7842	General Use 40 600Max.	2 5 10 15	120 240 480 600	Double Pole, Single Phase AC Manual Motor Starting Switch (No overload protection)
□ 7842MD	Same as 7842			7842, See Footnote 2
□ 7843	General Use 40 600Max.	3 7.5 15 20	120 240 480 600	Three Phase, Three Pole AC Manual Motor Starting Switch (No overload protection)
□ 7843MD	Same as 7843			7843, See Footnote 2
□7801P				Handle Locking Guard has opening for padlock to secure control in either ON or OFF position.
□ 7806P				NEMA 1 Black Nylon Enclosure has baked-on gray enamel finish with 1/2" and 3/4" knockouts at each end.
□ 7830				NEMA 3R Aluminum Enclosure

All Industrial Control Equipment is suitable for use in a circuit capable of deliverable not more than 5,000 rms amperes at 600VAC maximum or equivalent.

#### Footnote:

2. Suitable as Motor Disconnect – 10KA @ 600VAC, 60A max. Class J Fuse or 100A max. Ferraz Shawmut HSJ Fuse

Performance	•					
Electrical Dielectric Withstand Voltage Maximum Working Voltage Overload Temperature Rise Maximum Continuous Current Endurance		600VAC 50 cycles, 13 50°C maxim 30A 1000 Cycles	50 cycles, 132 Amps/600VAC .5 PF 50°C maximum			
Mechanical Terminal Accommodations		#14 AWG –	#14 AWG – #10 AWG copper or copper-clad wire			
Environmental Flammability Operating Temperature		UL94 V2 Maximum co	UL94 V2 Maximum continuous +75°C, minimum -40°C			
Materials						
Back Body Front Body Carrier Toggle Contact Arm Terminals	Nylon Nylon Nylon Nylon Brass Brass		Terminal Screws Leaf Springs Coil Springs Strap Rivets Contacts	Brass Stainless Steel Zinc-Plated Steel Zinc-Plated Steel Brass Silver Cadmium Oxide		

Project	
Location/Type	