

Class 58 Drum Controllers start, stop and change the speed and/or rotating direction of reversible AC and DC electric motors. Most Controllers are available in NEMA 1 or NEMA 4 enclosures. The Compact A Series of controllers offers Reversing, Two Speed and Two Speed Reversing controls in NEMA 1 enclosures for applications where space may be restricted.

Note: To prevent unintentional operation, OSHA regulations and local installation codes may require guarding of handles. Consult these requirements prior to selecting a drum switch or handle.

The simple yet rugged construction of Hubbell drum controllers make these ideal for applications such as:

- Doors
- Metal and Woodworking Machinery
- Conveyors

Auxiliary Equipment

A variety of handle styles are available as Field Modifications. The Compact A Series offers modifications to accommodate flush and surface mounting.

Standard Features include:

- Rated to 10 HP 600V
- Easy Terminal Access
- Heavy Duty Contacts
- Choice of Handle Kits
- Variety of Mounting Accessories
- Enclosure Types NEMA 1 & NEMA 4
- UL Listed
- CSA Certified



Models:



Ordering Information

- Dimensions see page 4
- Wiring Diagram see pages 5-6
- **Reference the Internal Connections Diagram in the Wiring Diagrams Section to insure the selected switch will work with the motor being used**
- Field Replacement Handles and Parts Kits see page 3
- Application Data see page 1

Drum Controller, 1 Phase and 3 Phase - Class 58

DISCOUNT CODE FP

Type/Purpose	Max HP						Wiring Diagram Figure	Enclosure			
	1 Phase Volt AC			3 Phase Volts AC		Volt DC		NEMA 1 General Purpose		NEMA 4 Watertight	
	120V	240V	480V	240V	480-600V	120-240V		Model Number	Price	Model Number	Price
Reversing/Maintaining	1½	2	-	2	1	¼	1	58R327T ¹	\$400	WR327A ¹	\$840
Reversing/Maintaining	1½	2	-	2	2	¼	2	58R44 ¹	\$400	WR44 ¹	\$840
Reversing/Maintaining	1½	2	3	3	3	1	2	J2 ²	\$500	WJ2 ²	\$1,195
Reversing/Maintaining	2	3	-	5	7½	2	2	J5 ²	\$650	WJ5 ²	\$1,210
Reversing/Maintaining	2	5	7½	7½	7½	2	2	T3F (T3) ²	\$1,440	-	-
Reversing/Maintaining	3	7½	10	10	10	3	2	TT3 ²	\$1,740	-	-
Reversing/Maintaining Forward/Momentary-Rev	1½	2	-	2	1	¼	1	58R327R	\$400	-	-
Reversing/Maintaining Forward/Momentary-Rev	1½	2	-	2	2	¼	2	58R44R	\$400	-	-

Drum Controller, 1 Phase and 3 Phase, Compact A Series - Class 58

Type/Purpose	Max HP					Wiring Diagram Figure	Enclosure			
	1 Phase Volt AC			3 Phase Volts AC	Volt DC		NEMA 1 General Purpose			
	120V	240V	480V	240V	120-240V		Model Number	Price		
Reversing Maintained	1	1	1	1	¼	3	A14	\$174		

Drum Controller, Two Speed, Non-Reversing - Class 58

Type/Purpose	Max HP			Wiring Diagram Figure	Enclosure			
	1 Winding		2 Winding		NEMA 1 General Purpose		NEMA 4 Watertight	
	Constant or Variable Torque 240-600V	Constant HP 240-600V	240-600V		Model Number	Price	Model Number	Price
Two Speed/Non-Reversing	3	-	-	5	JV2	\$830	WJV2	\$970
Two Speed/Non-Reversing	5	-	-	5	JV5	\$1,180	WJV5	\$1,430

Special Applications, 1 Phase and 3 Phase - Class 58

Type/Purpose	Max HP		Wiring Diagram Figure	Enclosure				
	1 Winding			3 Phase Volts AC		Volts DC	NEMA 1 General Purpose	
	120V	240V		240V	480-600V	120V-240V	Model No.	Price
Maintained with Limit Switch Selection	1	1	6	-	-	-	R2453	\$825
Maintained Magnetic Chuck	-	-	8	-	-	1500W	J2166A	\$650

¹ The 58R44, WR327A, WR44 and 58R327T are maintained only.
To order momentary controllers use catalog numbers 58R44M,
WR327AR, WR44R and 58R327S respectively.

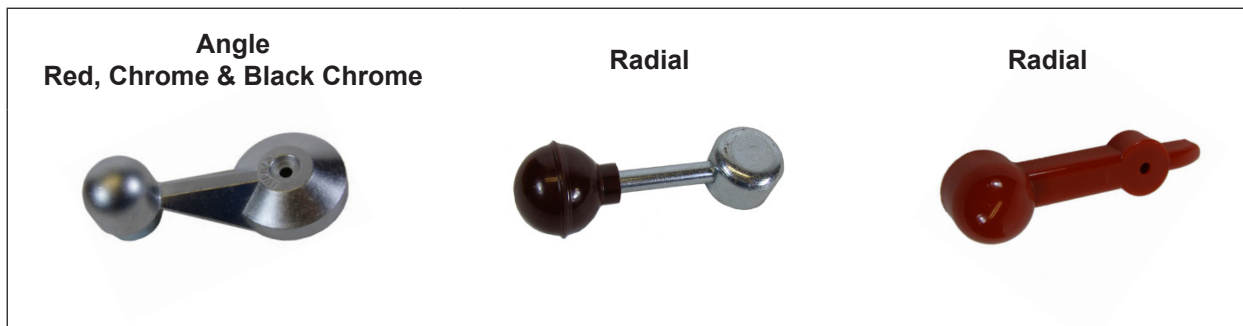
² Switch is shipped maintained customer adjustable to momentary.
Remove handle, turn rotor 180° (1/2 revolution), replace handle.

Prices subject to change without notice.

Controller Prefix	Description	Field Replacement Model Number ¹
A	Radial	75D55711001
R	Radial Radial	75D55711001 75D32963009
J	Radial Angle - Red	75D55711001 75D50620002
WJ	Radial	75D32963025
WR	Radial	75D32963007
58R	Angle - Chrome Radial Radial	75D56597001 75D55711001 75D32963009

¹ For exact replacement ONLY (not all handles are interchangeable). Handles available as field kits only.

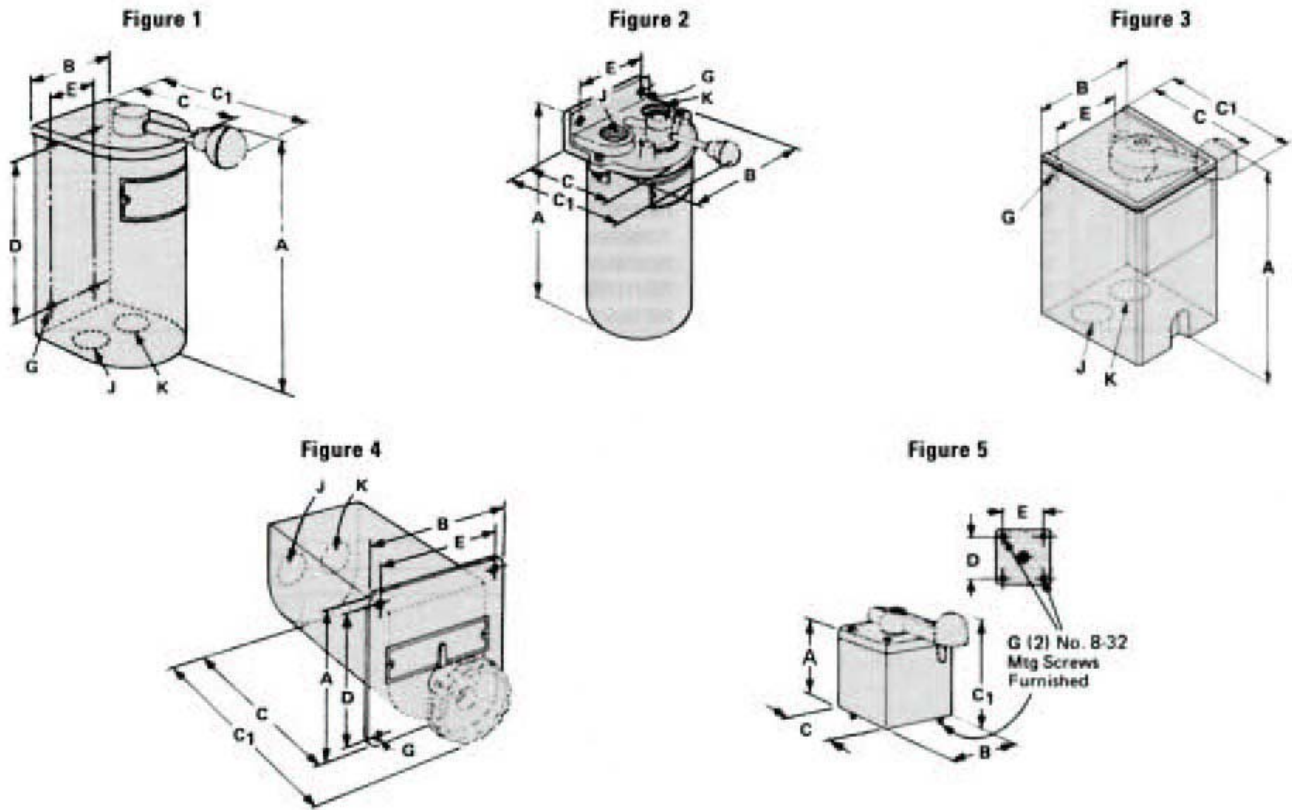
Handles



Drum Controller Number	Model Number
WR44, WR44R	PK4
J1944, J2, JP2, JT2513, WJ2, WJP2, WJT2	PK20
EJ5, J1999, J5, JP5, JT2513, JT5, WJ1999, WJ5, WJT5, WJP5	PK21
JH2, JV2, WJH2, WJV2	PK22
T3	PK40
TT3	PK41

Prices subject to change without notice.

Wiring



Catalog Number	Figure	Outline Dimensions				Mtg. Dimensions		Mtg. Screw	Conduit Size		Approx. Ship Wt. Lbs. (Kg)
		A	B	C	C1	D	E		J	K	
A14	5	2.20 (56)	2.38 (60)	2.38 (60)	3.20 (81)	1 11/16 (43)	1 11/16 (43)	8	-	-	2 (1)
58R44, 58R327	3	5.25 (133)	2.50 (64)	2.75 (70)	4.38 (111)	-	1 5/8 (41)	1/4	1/2	1/2	2 (1)
J2, J5, J2166A	1	4.75 (121)	3.19 (81)	3.63 (92)	4.69 (119)	3 13/16 (97)	2 (51)	1/4	1/2	1/2	3 (1)
JV2, JV5	1	7.94 (202)	3.19 (81)	3.19 (81)	4.69 (119)	5 15/16 (151)	2 (51)	1/4	1/4	1/2	4 (2)
R2453	1	4.38 (111)	2.31 (59)	2.94 (75)	4.56 (116)	-	1 5/8 (41)	1/4	1/2	1/2	2 (1)
TT3	1	9.53 (242)	4.81 (122)	5.53 (141)	6.47 (164)	5 5/8 (143)	3 3/4 (95)	1/4	1 1/4	1	8 (4)
T3	1	7.56 (218)	4.81 (122)	5.53 (141)	6.47 (164)	5 5/8 (137)	3 3/4 (95)	1/4	1	1	7 (3)
WJ2, WJ5	2	7.63 (194)	5.13 (130)	4.25 (108)	6.13 (156)	-	3 7/16 (87)	3/8	3/4	3/4	7 (3)
WJ2V, 2J5V	2	9.00 (229)	5.13 (130)	4.25 (108)	6.13 (156)	-	3 7/16 (87)	5/16	3/4	3/4	7 (3)
WR44, WR44R WR327A, WR327AR	2	5.19 (132)	4.63 (117)	3.75 (95)	5.44 (138)	-	3 1/2 (89)	1/4	1/2	1/2	5 (2)

Note: Dimensions for reference, not for construction.

Dimensions are in inches (mm).

Wiring

Figure 1

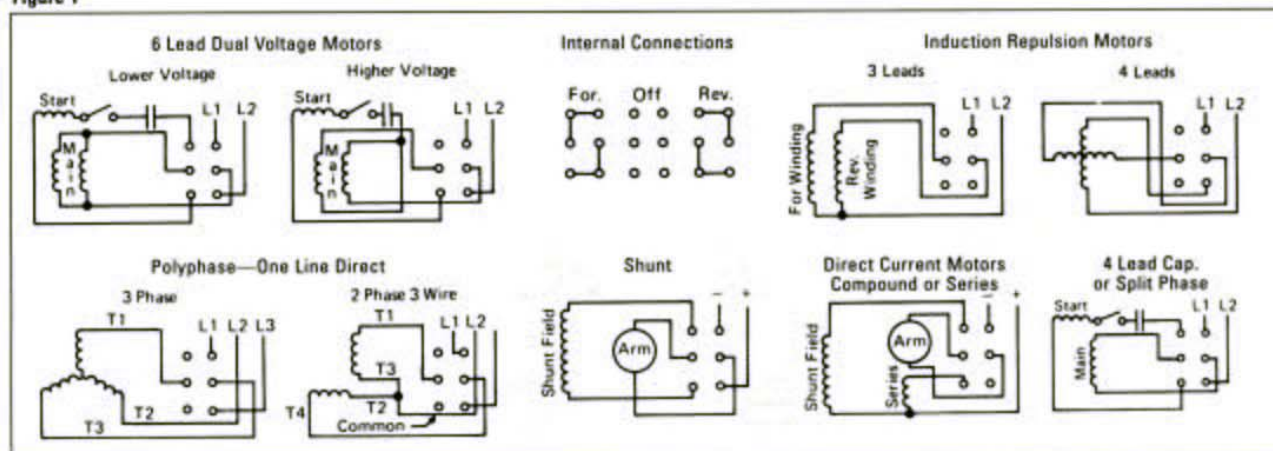


Figure 2

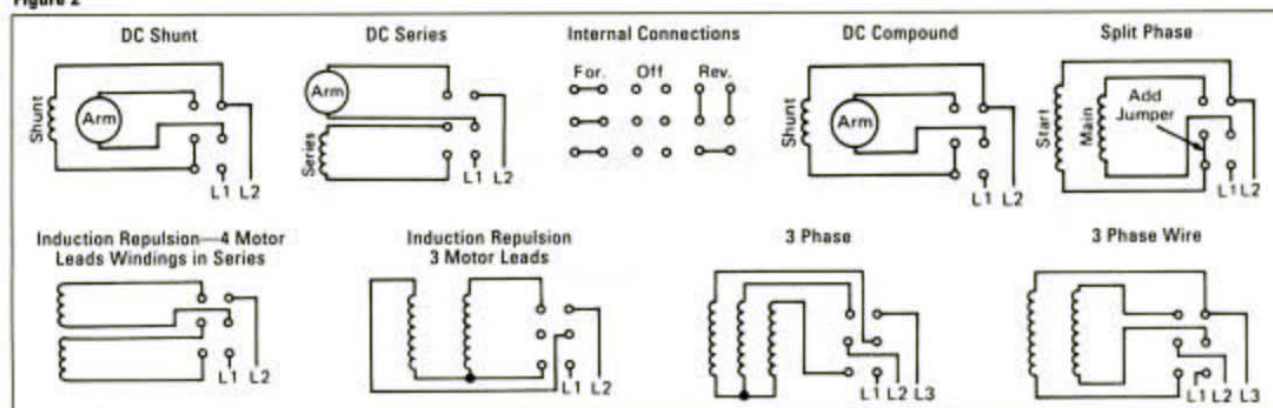
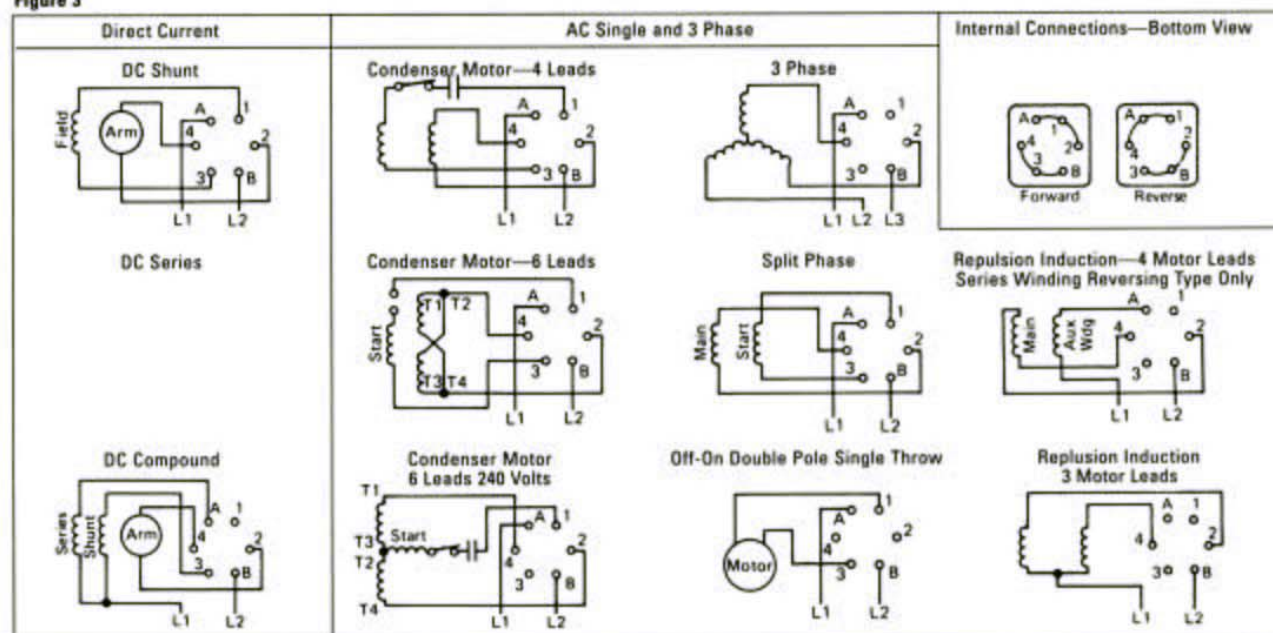


Figure 3



Wiring

Figure 4

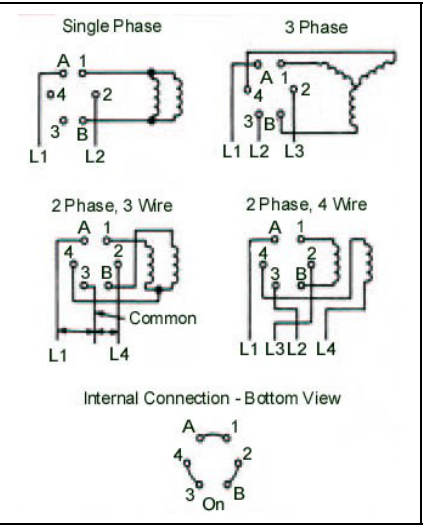


Figure 5

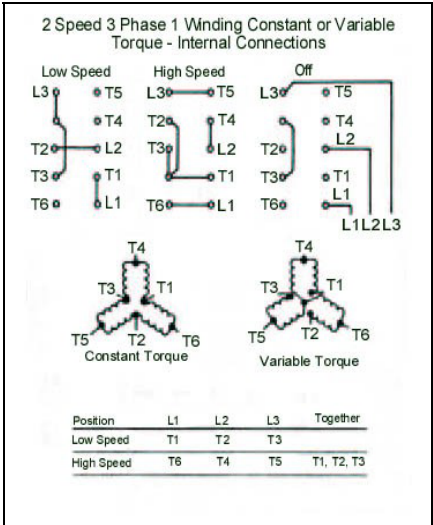


Figure 6

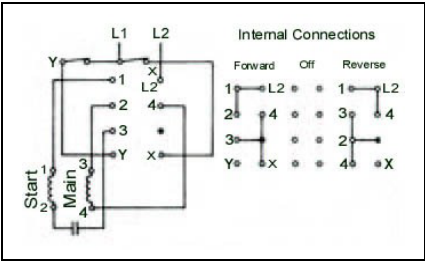


Figure 7

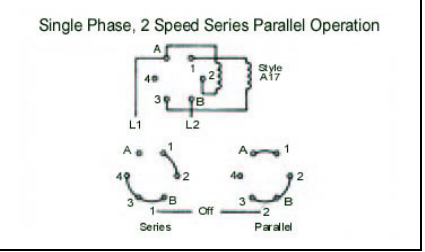


Figure 8

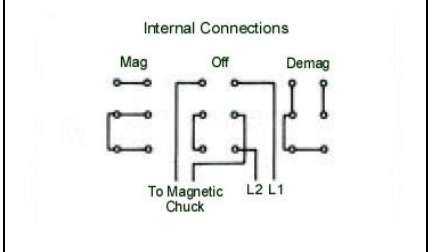


Figure 9 JET4

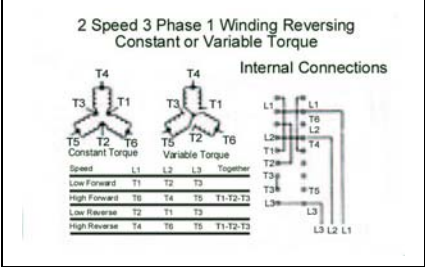


Figure 10 JED4

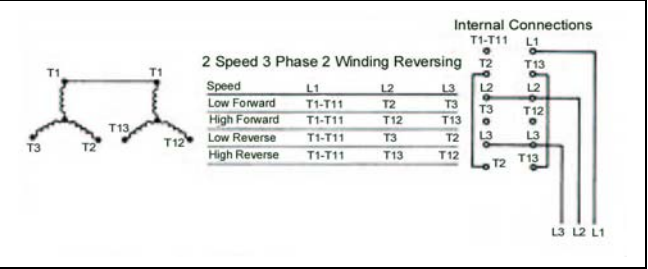


Figure 11 JEH4

