

Wiring Diagrams for Drum Switches



Wiring procedure for Salzer brand switches # P220-SE 1518 and P220-SE 1519 using 5 colored coded wire (Red, Orange, Black, White and Green). This procedure will work for wiring the following motors to the Salzer Switch: Marathon 3/4 hp # 5KC42JN0214, Marathon 1 hp # 5KC49PN0216, Marathon 1.5 hp # 5KCR49SN0068A, Leeson 3/4 hp # C4C17NH11B, Leeson 1 hp # C4C17NH12B, Leeson 1.5 hp # C6C17NB47C, and all Electra Gear motors.

From Motor Wire to Switch, 120v or 240v

Control White	to	Switch # 2
Red	to	Switch # 4
Black	to	Switch # 8
Orange	to	Switch # 12
Green	to	GFCI (power) Green

From GFCI to Switch, 120v or 240v

GFCI Black	to	Switch # 1
GFCI White	to	Switch # 3
Green	to	Control Green



Wiring procedure for Furnas/Hubbell brand switches # 074756002 and 057341002 using 5 colored coded wire (Red, Orange, Black, White and Green). This procedure will work for wiring the following motors to the Furnas/Hubbell Switch: Marathon 3/4 hp # 5KC42JN0214, Marathon 1 hp # 5KC49PN0216, Marathon 1.5 hp # 5KCR49SN0068A, Leeson 3/4 hp # C4C17NH11B, Leeson 1 hp # C4C17NH12B, Leeson 1.5 hp # C6C17NB47C, And all Electra Gear motors.

From Motor Wire to Switch, 120v or 240v

Control White	to	Switch # 4
Red	to	Switch # 2
Black	to	Switch # 1
Orange	to	Switch # 3
Green	to	GFCI (power) Green

From GFCI to Switch, 120v or 240v

GFCI Black	to	Switch # L1
GFCI White	to	Switch # L2
Green	to	Control Green



Wiring procedure for Bremas brand switches # CY0178099S2R and CY0178068SR2 using 5 colored coded wire (Red, Orange, Black, White and Green). This procedure will work for wiring the following motors to the Bremas Switch: Marathon 3/4 hp # 5KC42JN0214, Marathon 1 hp # 5KC49PN0216, Marathon 1.5 hp # 5KCR49SN0068A, Leeson 3/4 hp # C4C17NH11 B, Leeson 1 hp # C4C17NH12B, Leeson 1.5 hp # C6C17NB47C, and all Electra Gear motors.

From Motor Wire to Switch, 120v or 240v

Control White	to	Switch # T-1 or (U)
Red	to	Switch # T-2 or (V)
Black	to	Switch # 8 (Y)
Orange	to	Switch # 12 (Z)
Green	to	GFCI (power) Green

From GFCI to Switch, 120v or 240v

GFCI Black	to	Switch #L1 or (R)
GFCI White	to	Switch #L2 or (S)
Green	to	Control Green



Wiring procedure for BHUSA/ACI brand switches using 5 colored coded wire (Red, Orange, Black, White and Green). This procedure will work for wiring the following motors to the ACI Switch: Marathon 3/4 hp # 5KC42JN0214, Marathon 1 hp # 5KC49PN0216, Marathon 1.5 hp # 5KCR49SN0068A, Leeson 3/4 hp # C4C17NH11 B, Leeson 1 hp # C4C17NH12B, Leeson 1.5 hp # C6C17NB47C, and all Electra Gear Motors.

From Motor Wire to Switch, 120v or 240v

Control White	to	Switch # 2 (T1)or(U)
Red	to	Switch # 4 (T2)or(V)
Black	to	Switch # 8 (Y)
Orange	to	Switch # 12 (Z)
Green	to	GFCI (power) Green

From GFCI to Switch, 120v or 240v

GFCI Black	to	Switch #1 (L1)or(R)
GFCI White	to	Switch #3 (L2)or(S)
Green	to	Control Green