

# PESW Series Enclosed Starters



## Robust Solutions for Demanding Applications

### PESW Series Enclosed Starters

*High performance, optimized solutions for motor starting and control. WEG offers full voltage non-reversing and non-combination magnetic starters, PESW series, up to 75HP at 460VAC (105A) for three-phase applications and up to 10HP at 230VAC (50A) for single-phase applications.*



UL File No. E202315

### Standard Features

- Compact design
- Plastic enclosure Type 4X
- Available in four box sizes 05, 08, and 10
- IEC contactors inside
- Trip class 10 bimetallic overload relays
- Phase-loss sensitivity protection
- Automatic and manual RESET options
- Standard START/STOP + RESET buttons or RESET button only
- Custom control options available upon request

### Accessories – Replacement Base-Mount Contact Blocks for PESW(S)B9-38

- Single contact block used for mounting in base, in PBW plastic control stations, and on 35mm DIN rail.
- Normally-Open and Normally-Close contact blocks available



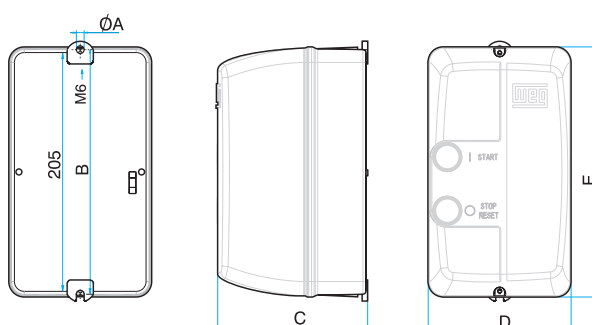
# Disconnect Switches – PESW Series

## DIMENSIONS

| SIZE 05 mm(in)          | SIZE 08 mm (in)      | SIZE 10 mm (in)      |
|-------------------------|----------------------|----------------------|
| $\phi A = 5.5$ (0.2165) | $\phi A = 6.0$ (0.2) | $\phi A = 7.0$ (0.3) |
| B = 219.0 (8.622)       | B = 275 (10.8)       | B = 355 (14.0)       |
| C = 112 (4.4331)        | C = 143 (5.6)        | C = 167 (6.6)        |
| D = 114.0 (4.4882)      | D = 180 (7.1)        | D = 250 (9.9)        |
| E = 217 (8.5433)        | E = 280 (11.0)       | E = 360 (14.2)       |

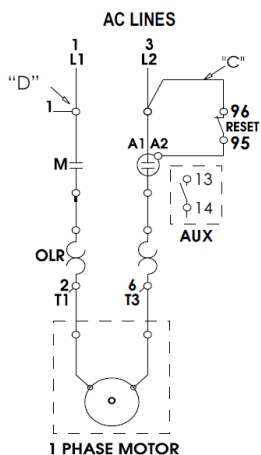
  

| Provision for cable gland fitting | Standard               |                        |                 |
|-----------------------------------|------------------------|------------------------|-----------------|
|                                   | Top                    | Bottom                 | Back            |
| Size 05                           | 2 x 1/2" - 3/4" PG13.5 | 2 x 1/2" - 3/4" PG13.5 | 4 X 1/2" PG13.5 |
| Size 08                           | 2 x 3/4" and 1"        | 2 x 3/4" and 1"        | -               |
| Size 10                           | 2 x 3/4" and 1"        | 2 x 3/4" and 1"        | -               |
|                                   | 1 x 1" and 1 1/4"      | 1 x 1" and 1 1/4"      | -               |

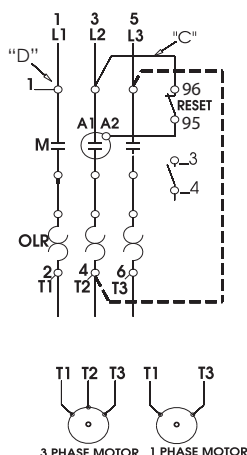


## WIRING DIAGRAM

### Single-phase Starter



### Three-phase Starter



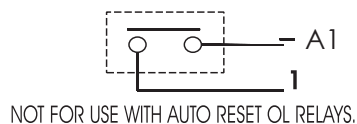
Conversion to single-phase, add jumper wire from L3 to T2 (follow dotted line connection above)

### Separate Control

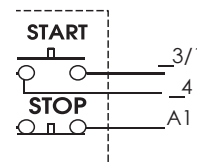
FOR SEPARATE CONTROL, REMOVE WIRES "C" AND "D" IF SUPPLIED AND CONNECT SEPARATE CONTROL LINES TO TERMINAL N° 96 ON THE OVERLOAD RELAY AND TO TERMINAL N° 3 ON THE AUX. CONTACT BLOCK (FOR 3 WIRE CONTROL) OR TO THE CONTACTOR COIL N° A1 (FOR 2 WIRE CONTROL).

### Pilot Devices

#### 2 Wire Control



#### 3 Wire Control



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