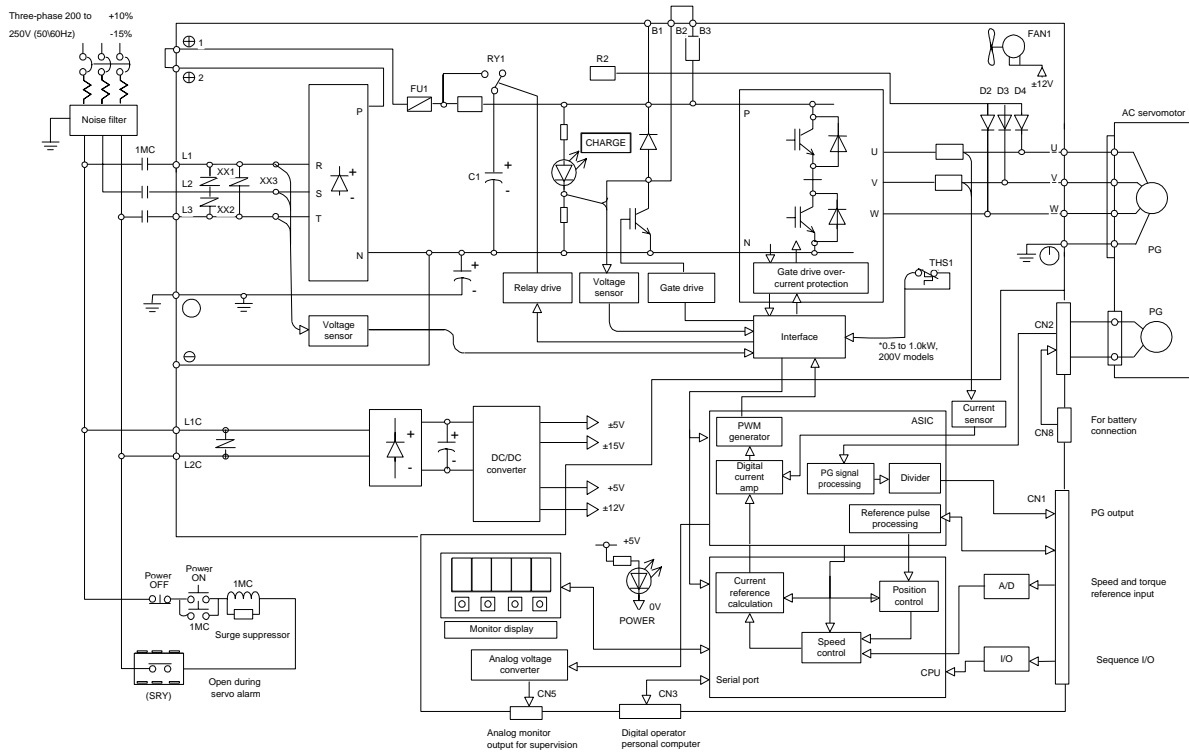
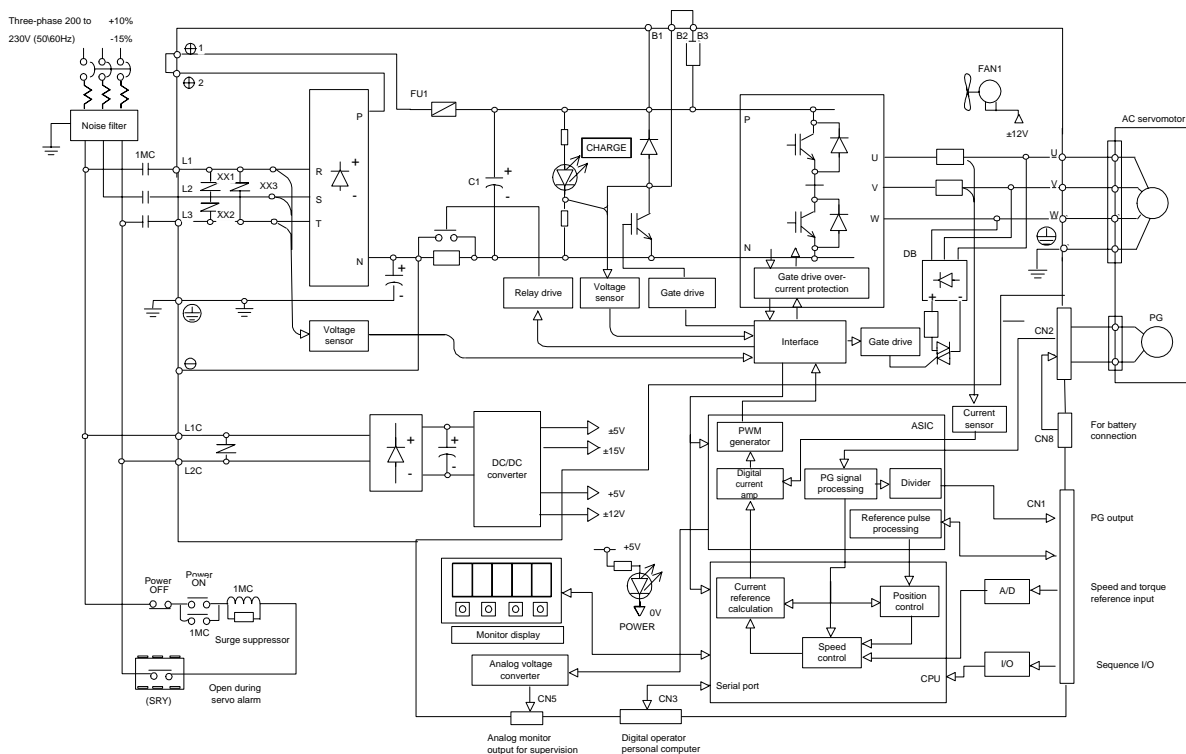


Typical Internal Connection Diagrams

- 0.5kW to 1.5kW, 200V Models

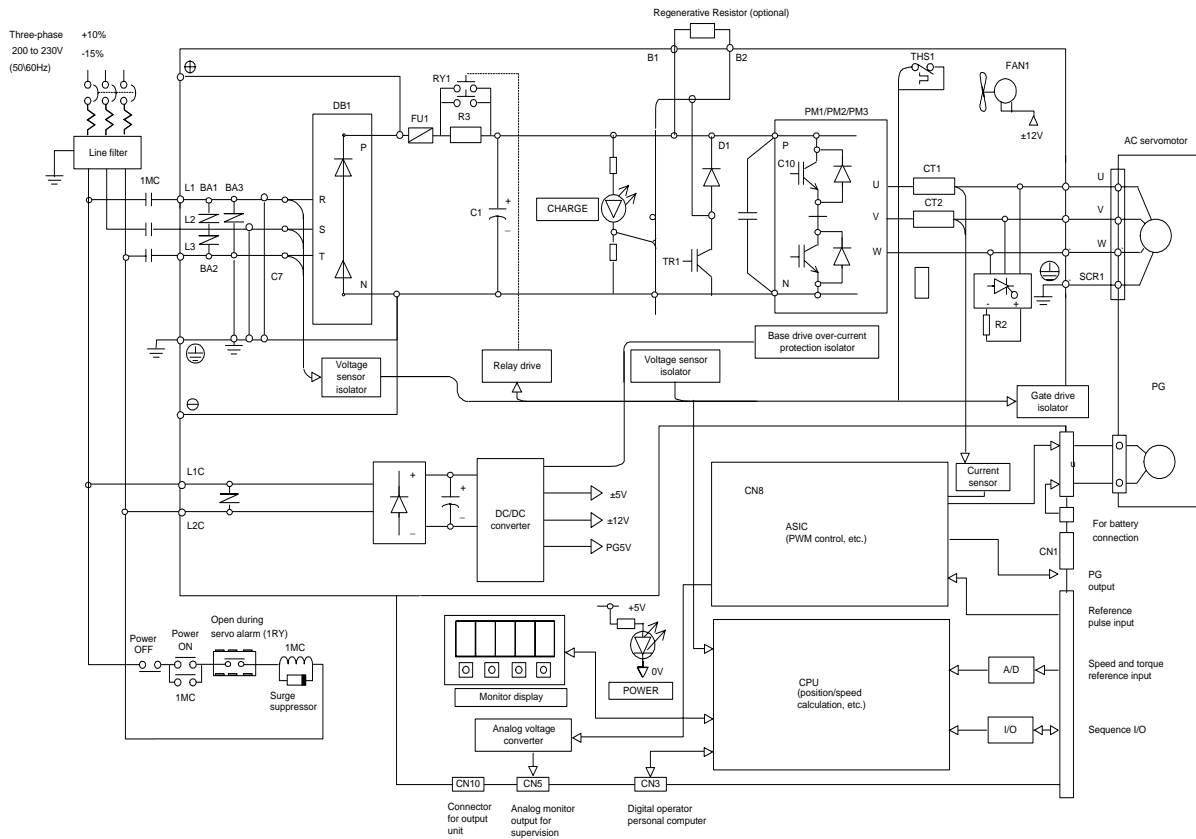


- 2.0kW to 5.0kW, 200V Models

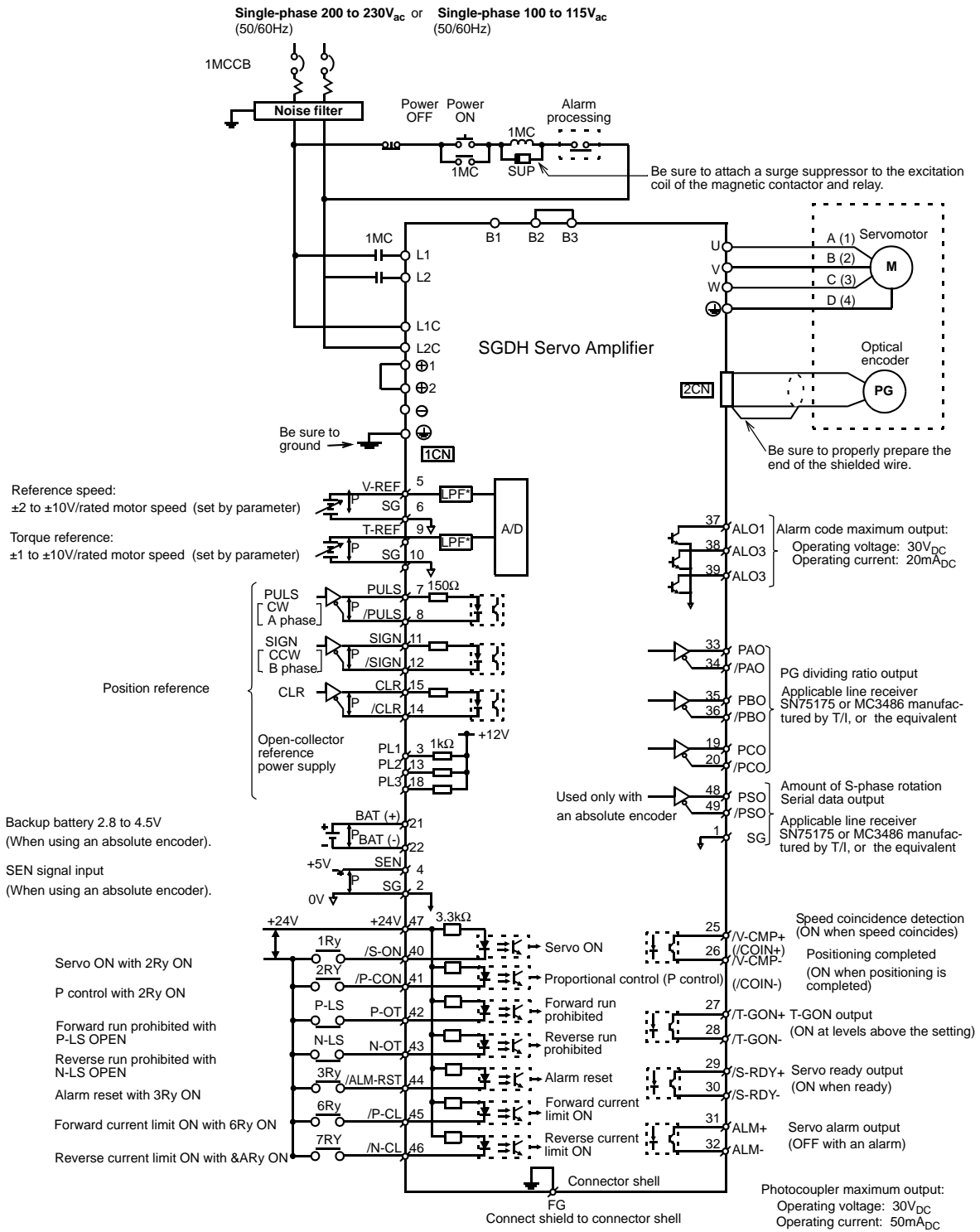


100/200V Sigma II Servo System

- 6.0kW to 7.5kW, 200V Models



Connection Diagram, Single-phase

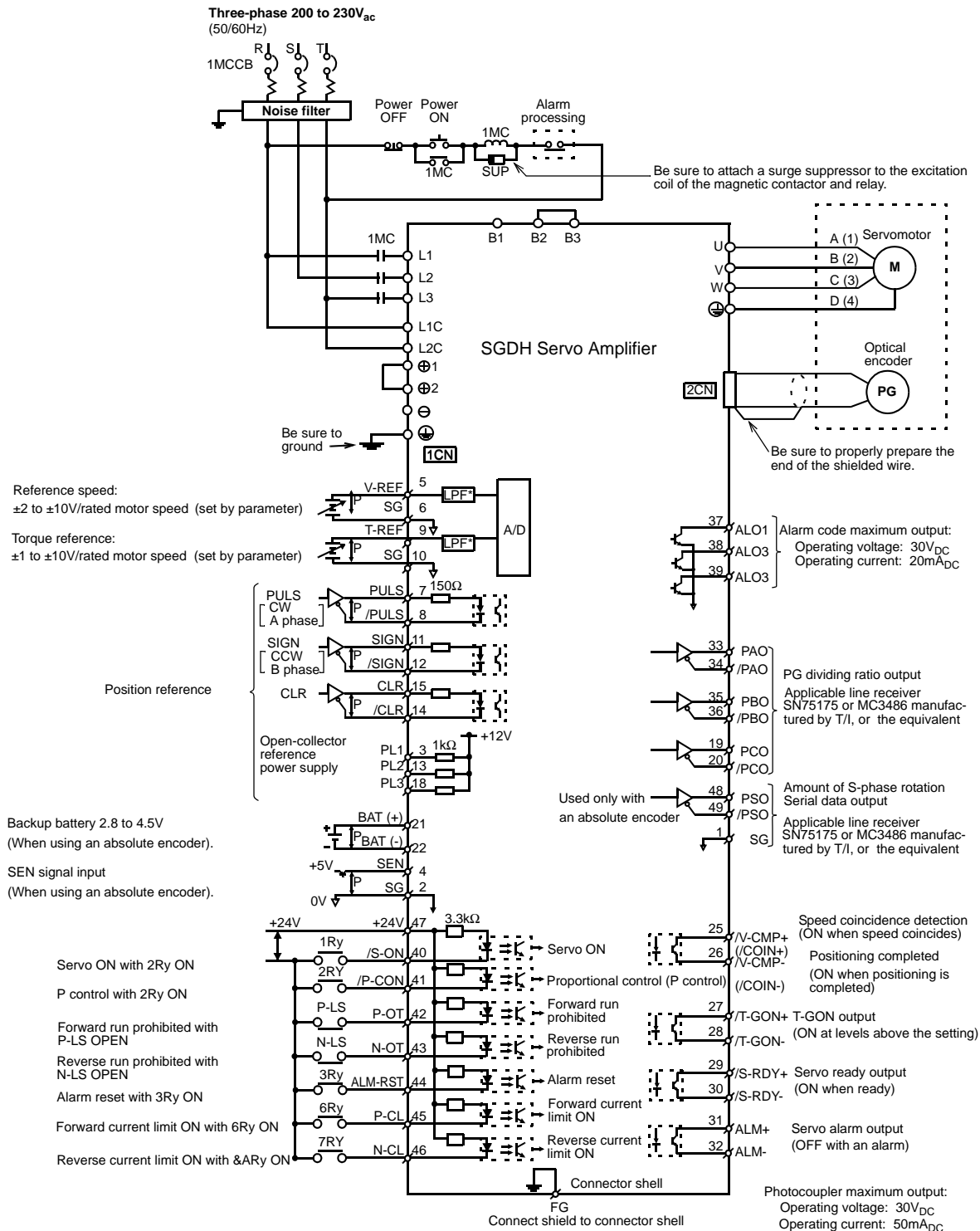


*The time constant for the primary filter is 47μs

↑P: Indicates twisted wire pairs.

SGDH Servo Amplifiers

Connection Diagram, Three-phase



*The time constant for the primary filter is 47μs

⌋P: Indicates twisted wire pairs.

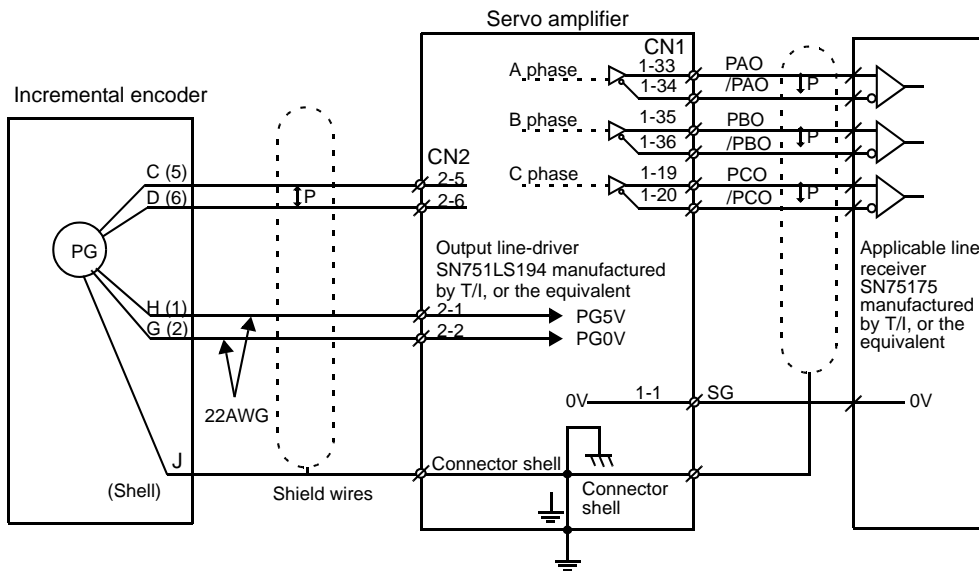
Amplifier to Encoder Connection Diagram

Connection Example

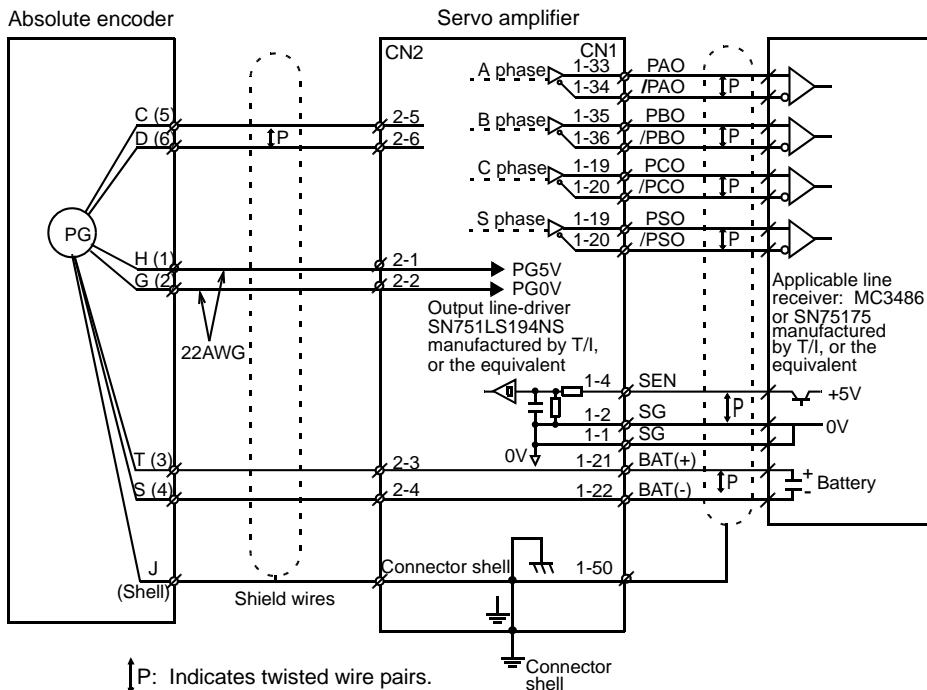
The following diagrams show the procedure for wiring a servo amplifier to an encoder.

Connecting an encoder (CN2) and output signals from the servo amplifier (CN1)

Incremental Encoders



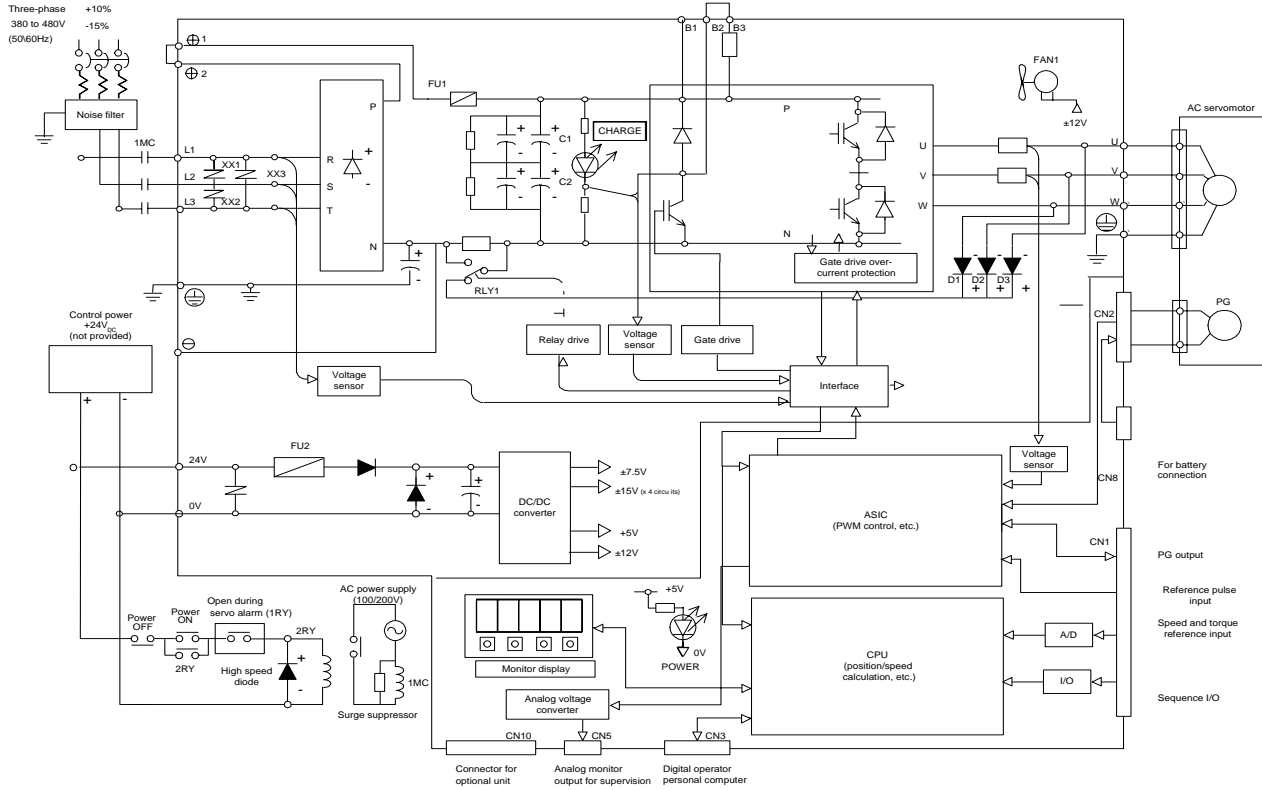
Absolute Encoders



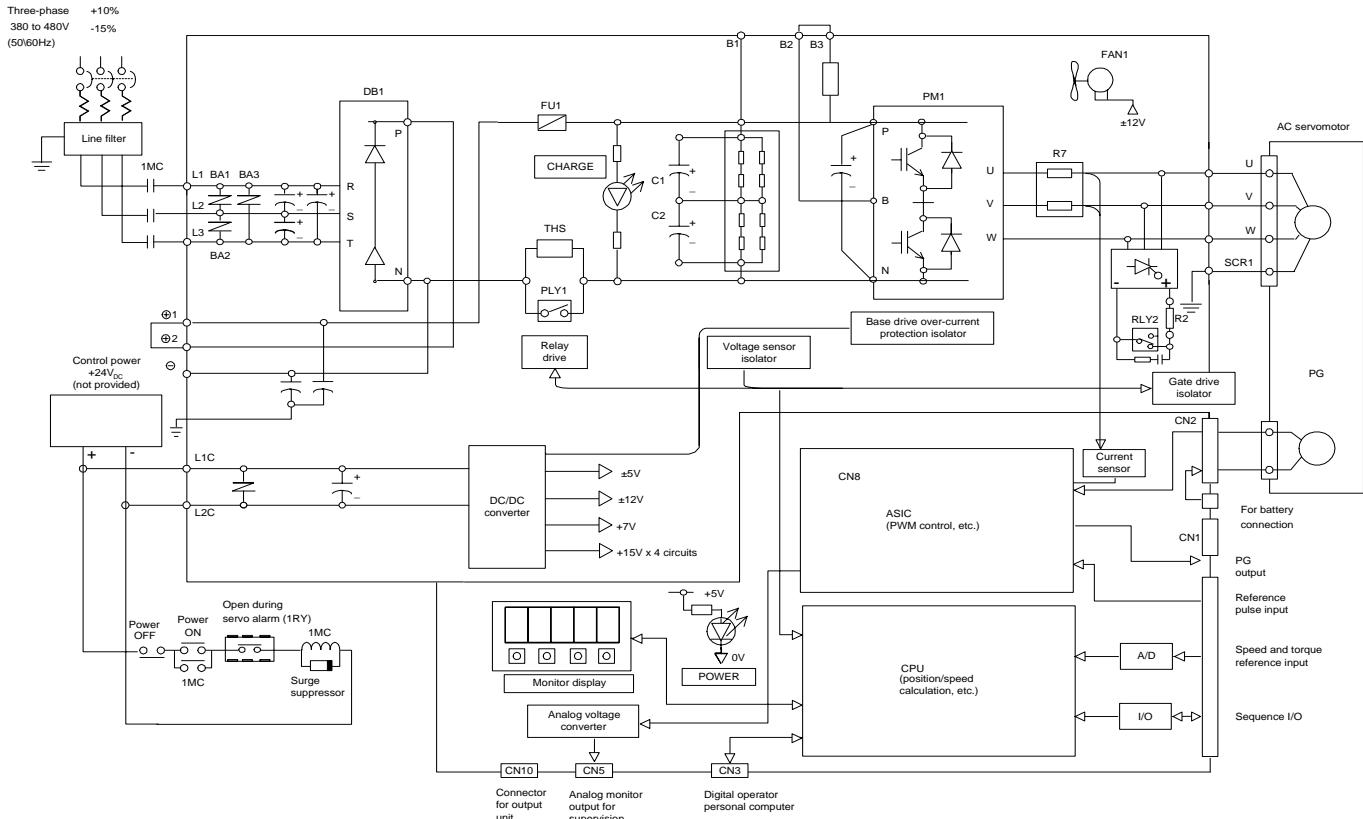
↑P: Indicates twisted wire pairs.

Typical Internal Connection Diagrams

• 400V, 0.5kW to 3.0kW Models

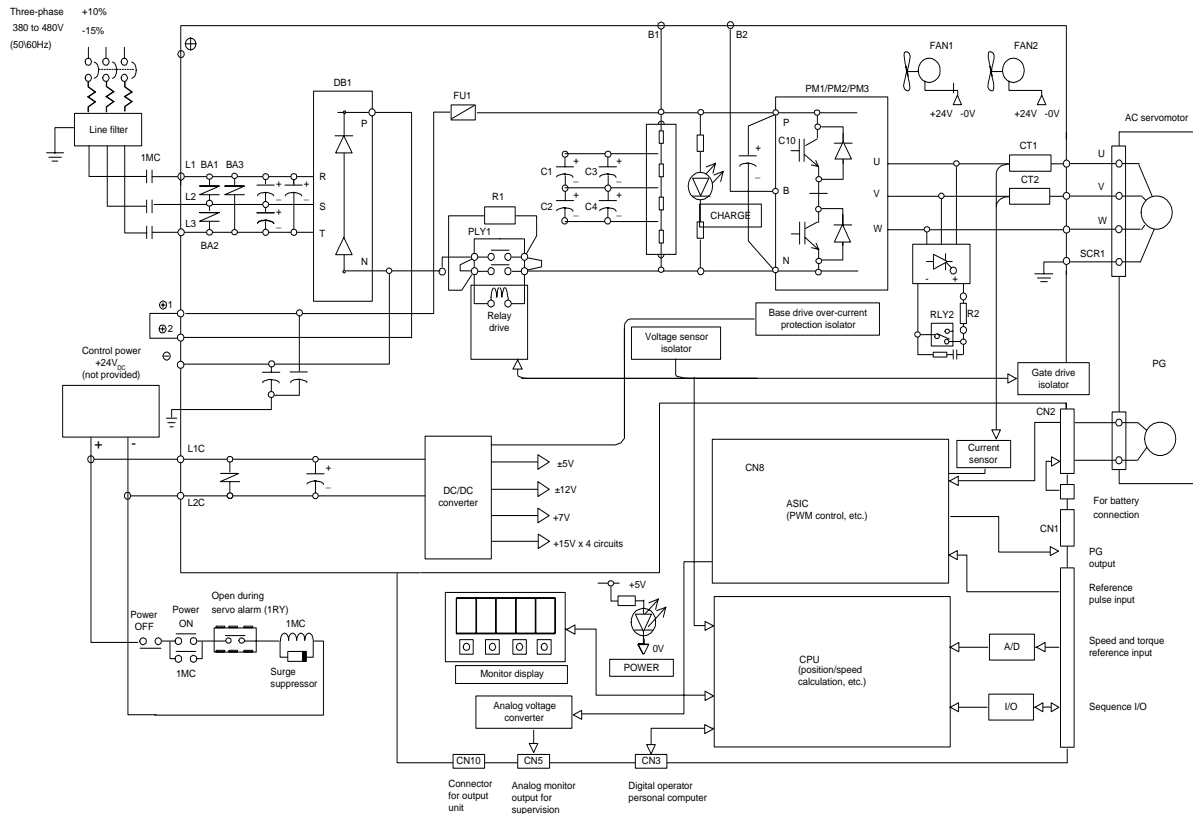


• 400V, 5.0kW Models

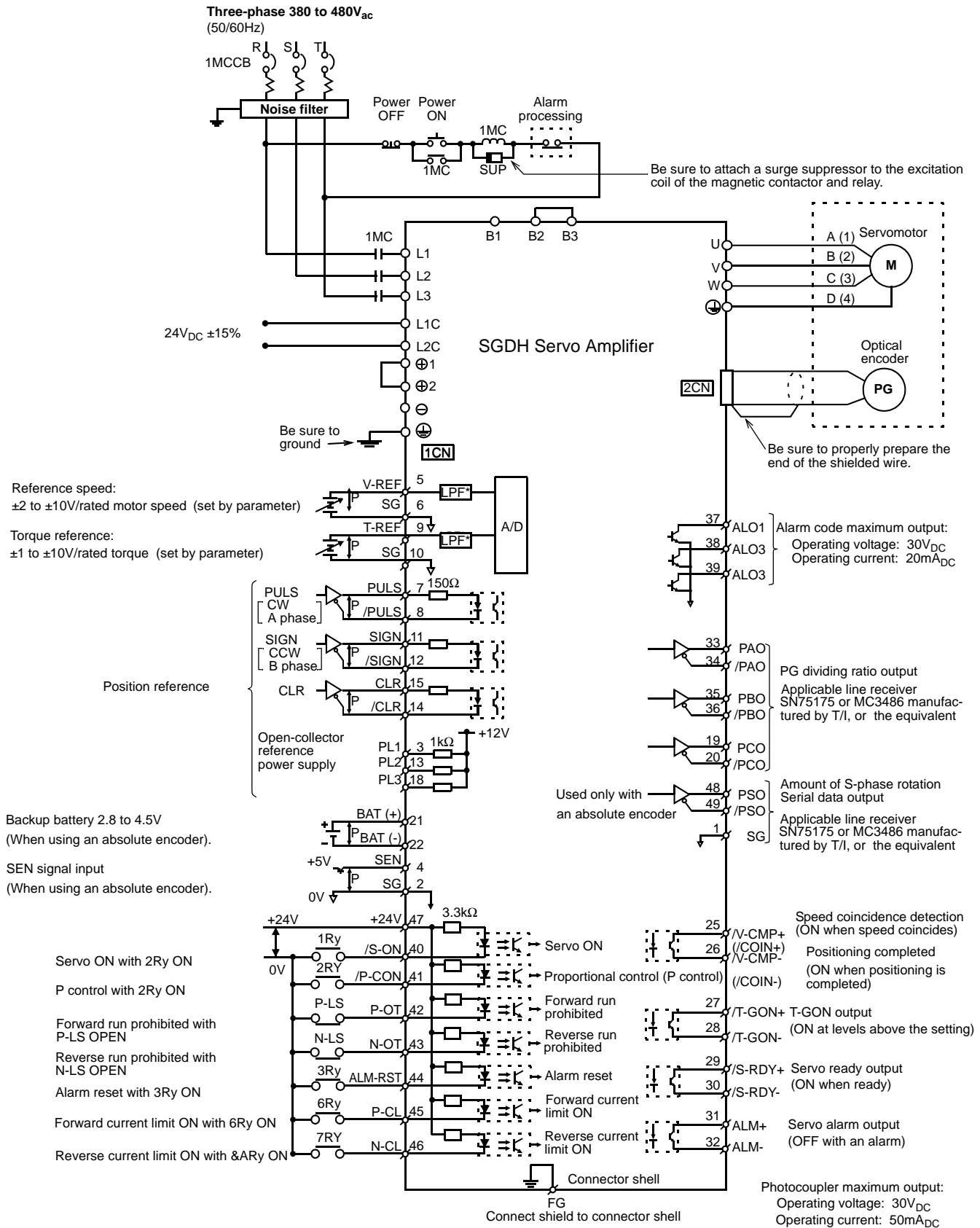


400V Sigma II Servo Systems

- 400V, 6.0W to 7.5kW Models



- 400V, 500W to 15kW Models

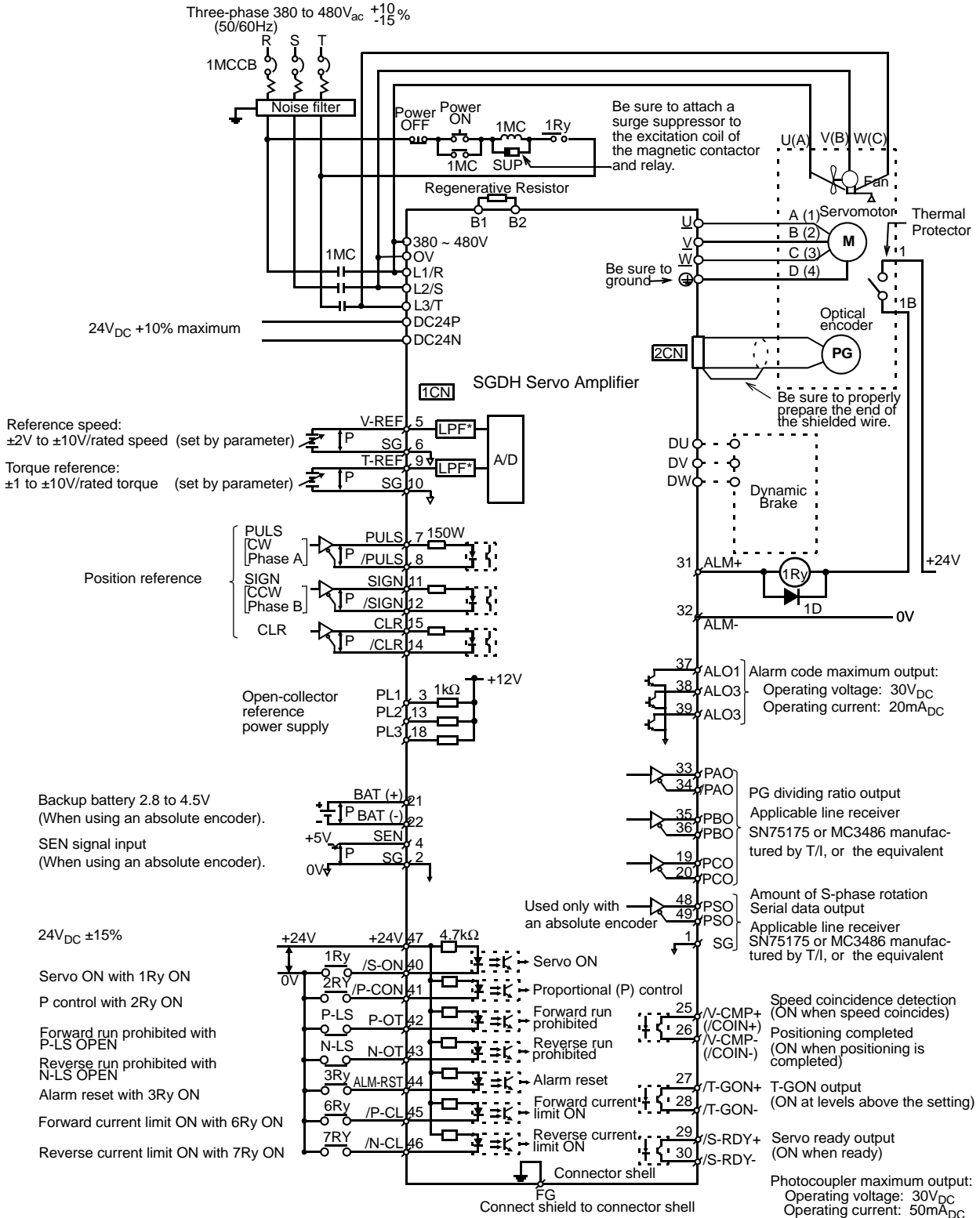


*The time constant for the primary filter is 47μs

†P: Indicates twisted wire pairs.

400V Sigma II Servo Systems

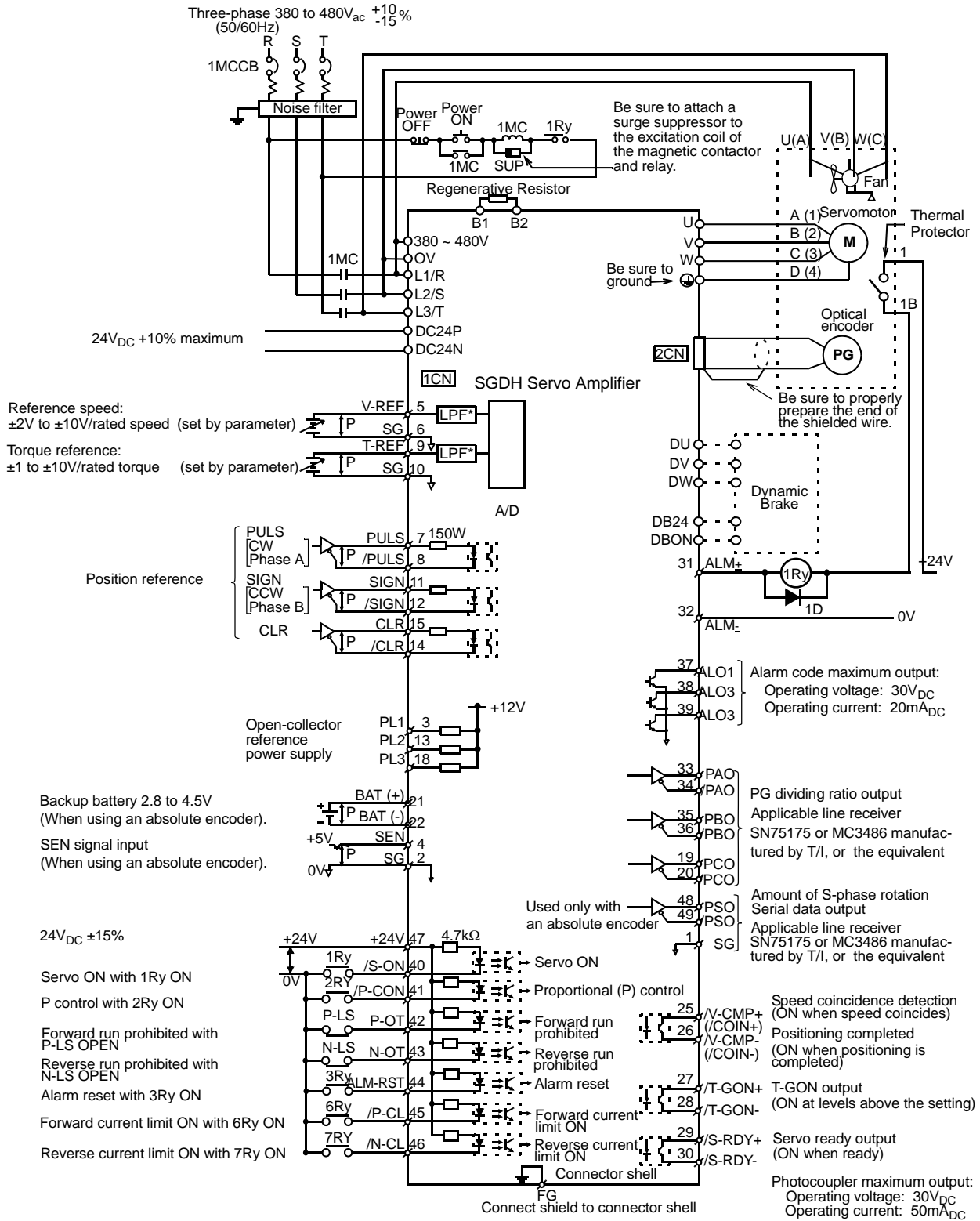
- 400V, 22kW to 30kW Models



*The time constant for the primary filter is 47μs

⌋P: Indicates twisted wire pairs.

- 400V, 37kW to 55kW Models



*The time constant for the primary filter is 47 μ s

⌋P: Indicates twisted wire pairs.

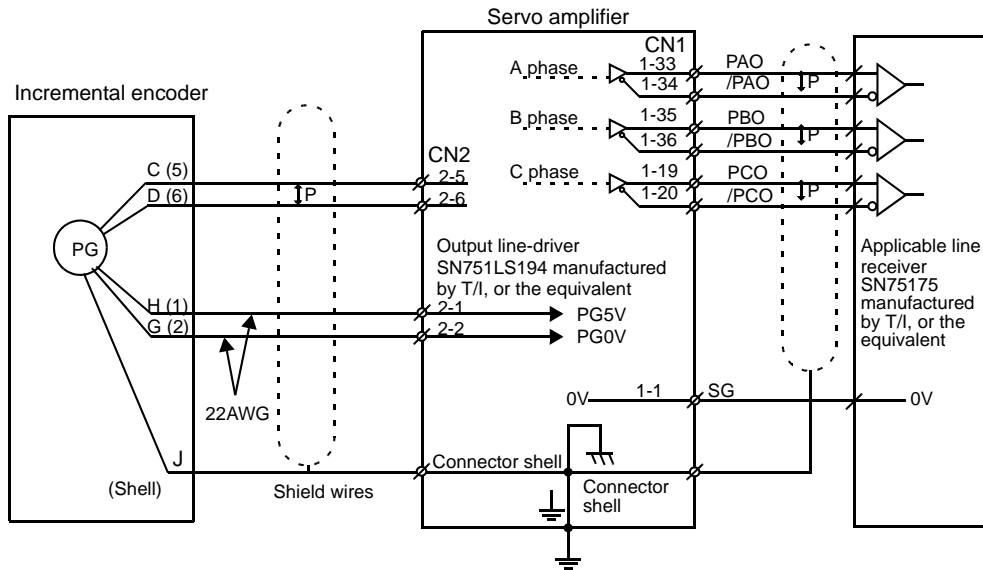
Amplifier to Encoder Connection Diagram

Connection Example

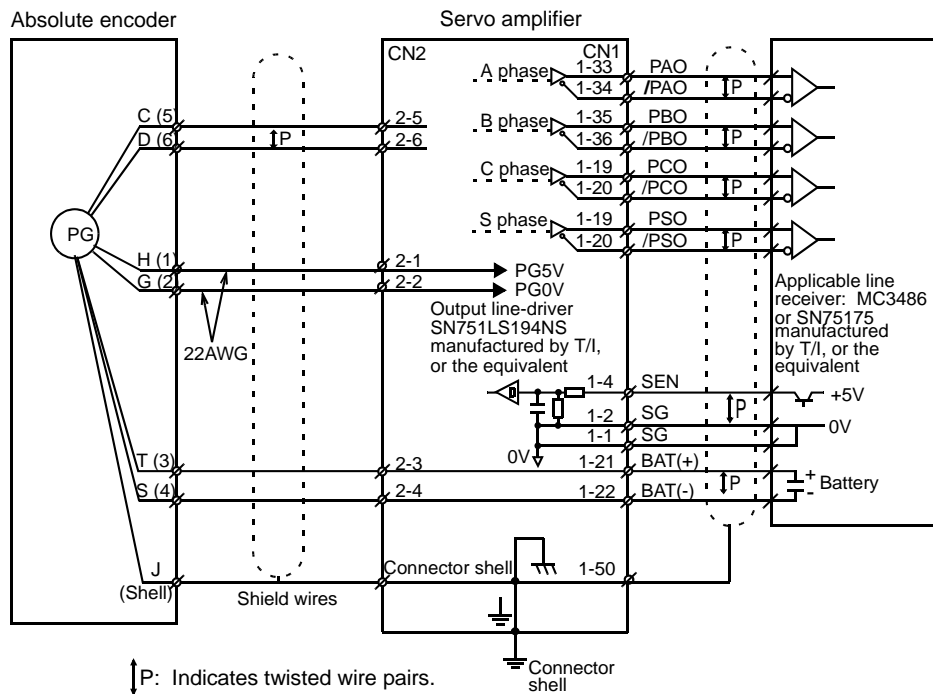
The following diagrams show the procedure for wiring a servo amplifier to an encoder.

Connecting an encoder (CN2) and output signals from the servo amplifier (CN1)

Incremental Encoders



Absolute Encoders



↑P: Indicates twisted wire pairs.