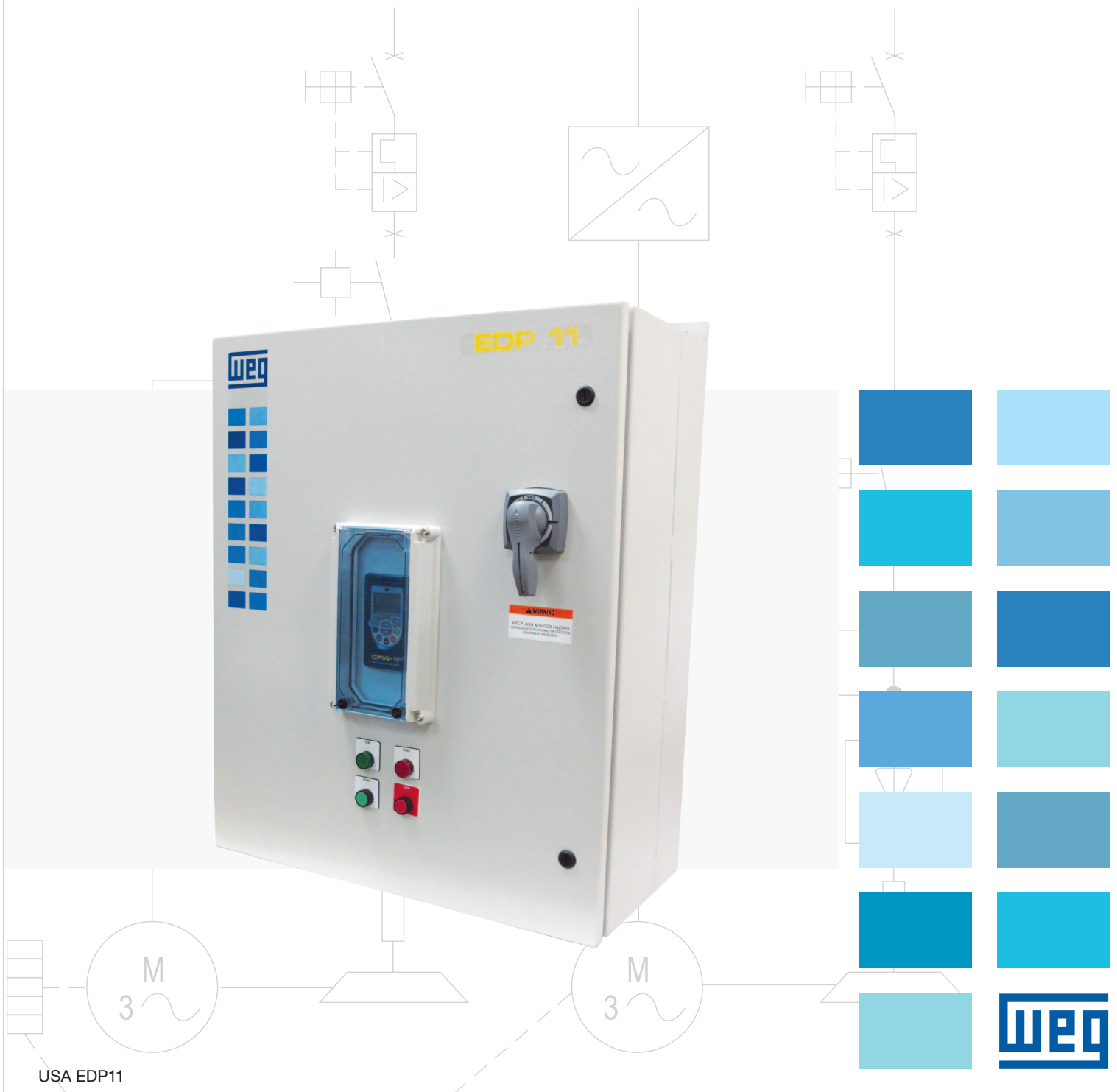


EDP11

Enclosed Drive Panel



EDP11

Enclosed Drive Panel

The Enclosed Drive Panel is an industrial general purpose AC motor control and protection package. It is designed for simple and quick installation and start-up, requiring only input power and output motor connections. There are two enclosure variants available such as NEMA 12 ventilated and NEMA 3R for Outdoor Installations.

The Enclosed Drive Panel is built to complement the ruggedness and reliability of WEG motors, providing a complete, simple, and cost effective AC motor control, monitor and protection solution.

NEMA 12 Version

- CFW11 Drive
- Indoor Rated
- Wall mounted
- Circuit Breaker with through door handle
- CFW11 VFD (Dual DC choke built-in)
- Fused 480V/120V CPT
- Internal Fan
- Heat sink through the back
- Motor Terminal Block
- Door mounted keypad
- Start / Stop Pushbuttons
- Run/Fault Pilot Lights
- Keypad cover - same as GPH2
- Drive and controls mounted in NEMA 4 section of panel; heat sink is external and rated NEMA 12

NEMA 3R Version

- NEMA 12 features plus:
- Outdoor Rated
- Wall mounted
- Weather kit (rain/sun/snow shield)
- Panel space heater + thermostat
- Lightning arrestor
- Service entrance rated

3-Contactor Bypass Option

- NEMA 12 or NEMA 3R version
- AC3 full rated by-pass contactor
- Drive input and output contactors
- Motor overload relay
- E-Stop Mushroom style pushbutton
- Enclosure size to be determined

Options available to be added to any of the versions above

- HOA = Hand-OFF-Auto
- POT = Potentiometer for speed reference of PID setpoint
- TB = Auxiliary control terminal block for remote command

Variable Frequency Drives - Enclosed Drive Panel

EDP11S - Flange Mount

| Voltage | Normal Duty/VT- (0/L:110%/1 min) | | Heavy Duty/CT (0/L:110%/1 min) | | NEMA 12 Wall Mount Indoor Rated | NEMA 12 | NEMA 12 LIST | NEMA 3R Wall Mount Outdoor Rated | NEMA 3R | NEMA 3R LIST | Wall Mount Approx. Weight Without Bypass |
|---------|-------------------------------------|------|-----------------------------------|-----|---------------------------------------|---------|-----------------|--|---------|-----------------|--|
| | HP | A | HP | A | Non-Ventilated | Size | \$\$\$ | Non-Ventilated | Size | \$\$\$ | LBS. |
| 230 VAC | 2 | 7 | 1.5 | 5.5 | EDP11S007DN12 | B | \$6,690 | EDP11S007DN3R | B | \$8,521 | 36 |
| | 3 | 10 | 2 | 8 | EDP11S010DN12 | | \$6,756 | EDP11S010DN3R | | \$8,587 | 36 |
| | 5 | 13 | 3 | 11 | EDP11S013DN12 | | \$6,855 | EDP11S013DN3R | | \$8,686 | 41 |
| | 5 | 16 | 5 | 13 | EDP11S016DN12 | | \$7,123 | EDP11S016DN3R | | \$8,918 | 42 |
| | 7.5 | 24 | 7.5 | 20 | EDP11S024DN12 | B | \$7,664 | EDP11S024DN3R | B | \$9,459 | 56 |
| | 10 | 28 | 10 | 24 | EDP11S028DN12 | | \$8,408 | EDP11S028DN3R | | \$10,202 | 56 |
| | 10 | 33.5 | 10 | 28 | EDP11S033DN12 | | \$9,108 | EDP11S033DN3R | | \$10,902 | 56 |
| | 15 | 45 | 15 | 36 | EDP11S045DN12 | C | \$10,214 | EDP11S045DN3R | C | \$12,122 | 88 |
| | 20 | 54 | 20 | 45 | EDP11S054DN12 | | \$11,491 | EDP11S054DN3R | | \$13,400 | 90 |
| | 25 | 70 | 20 | 56 | EDP11S070DN12 | | \$12,162 | EDP11S070DN3R | | \$14,162 | 100 |
| | 30 | 86 | 25 | 70 | EDP11S086DN12 | D | \$14,321 | EDP11S086DN3R | D | \$16,320 | 230 |
| | 40 | 105 | 30 | 86 | EDP11S105DN12 | | \$17,164 | EDP11S105DN3R | | \$19,338 | 240 |
| | 50 | 142 | 40 | 115 | EDP11S142DN12 | E | \$19,793 | EDP11S142DN3R | E | \$21,967 | 300 |
| | 60 | 180 | 50 | 142 | EDP11S180DN12 | | \$25,116 | EDP11S180DN3R | | \$27,290 | 300 |
| | 75 | 211 | 60 | 180 | EDP11S211DN12 | | \$28,326 | EDP11S211DN3R | | \$30,499 | 300 |

| Voltage | Normal Duty/VT- (0/L:110%/1 min) | | Heavy Duty/CT (0/L:110%/1 min) | | NEMA 12 Wall Mount Indoor Rated | NEMA 12 | NEMA 12 LIST | NEMA 3R Wall Mount Outdoor Rated | NEMA 3R | NEMA 3R LIST | Wall Mount Approx. Weight Without Bypass |
|---------|-------------------------------------|------|-----------------------------------|------|---------------------------------------|---------|-----------------|--|---------|-----------------|--|
| | HP | A | HP | A | Non-Ventilated | Size | \$\$\$ | Non-Ventilated | Size | \$\$\$ | LBS. |
| 480 VAC | 2 | 3.6 | 2 | 3.6 | EDP11S003GN12 | B | \$6,510 | EDP11S003GN3R | B | \$8,341 | 36 |
| | 3 | 5 | 3 | 5 | EDP11S005GN12 | | \$6,626 | EDP11S005GN3R | | \$8,457 | 36 |
| | 5 | 7 | 3 | 5.5 | EDP11S007GN12 | | \$6,690 | EDP11S007GN3R | | \$8,521 | 41 |
| | 7.5 | 10 | 5 | 10 | EDP11S010GN12 | | \$6,756 | EDP11S010GN3R | | \$8,587 | 42 |
| | 10 | 13.5 | 7.5 | 11 | EDP11S013GN12 | | \$6,855 | EDP11S013GN3R | | \$8,686 | 42 |
| | 10 | 17 | 10 | 13.5 | EDP11S017GN12 | | \$7,269 | EDP11S017GN3R | | \$9,100 | 56 |
| | 15 | 24 | 10 | 19 | EDP11S024GN12 | C | \$7,821 | EDP11S024GN3R | C | \$9,652 | 56 |
| | 20 | 31 | 15 | 25 | EDP11S031GN12 | | \$8,580 | EDP11S031GN3R | | \$10,411 | 56 |
| | 25 | 38 | 20 | 33 | EDP11S038GN12 | | \$9,293 | EDP11S038GN3R | | \$11,125 | 90 |
| | 30 | 45 | 25 | 38 | EDP11S045GN12 | | \$10,422 | EDP11S045GN3R | | \$12,369 | 104 |
| | 40 | 58.5 | 30 | 47 | EDP11S058GN12 | D | \$12,026 | EDP11S058GN3R | D | \$13,673 | 110 |
| | 50/60 | 70.5 | 40 | 61 | EDP11S070GN12 | | \$12,729 | EDP11S070GN3R | | \$14,451 | 240 |
| | 75 | 88 | 50 | 73 | EDP11S088GN12 | | \$14,988 | EDP11S088GN3R | | \$16,653 | 245 |
| | 75 | 105 | 75 | 88 | EDP11S105GN12 | E | \$17,964 | EDP11S105GN3R | E | \$19,733 | 300 |
| | 100/125 | 142 | 75 | 115 | EDP11S142GN12 | | \$20,715 | EDP11S142GN3R | | \$22,415 | 300 |
| | 150 | 180 | 100 | 142 | EDP11S180GN12 | | \$26,286 | EDP11S180GN3R | | \$27,847 | 300 |
| | 175 | 211 | 125 | 180 | EDP11S211GN12 | | \$29,645 | EDP11S211GN3R | | \$31,122 | 300 |
| | 200 | 242 | 150 | 211 | EDP11S242GN12 | G | \$40,755 | EDP11S242GN3R | G | \$45,693 | 700 |
| | 250 | 312 | 200 | 242 | EDP11S312GN12 | | \$45,114 | EDP11S312GN3R | | \$50,053 | 720 |
| | 300 | 370 | 250 | 312 | EDP11S370GN12 | | \$47,743 | EDP11S370GN3R | | \$52,682 | 750 |
| | 350 | 477 | 300 | 370 | EDP11S477GN12 | | \$54,585 | EDP11S477GN3R | | \$59,523 | 775 |
| | 400 | 515 | 350 | 477 | EDP11S515GN12 | H | \$66,023 | EDP11S515GN3R | H | \$71,976 | 1,100 |
| | 500 | 601 | 450 | 515 | EDP11S601GN12 | | \$71,875 | EDP11S601GN3R | | \$77,828 | 1,120 |
| | 600 | 720 | 500 | 601 | EDP11S720GN12 | | \$88,556 | EDP11S720GN3R | | \$94,509 | 1,150 |

Notes: "HP" rating based on FLA values from WEG W22, 2 and 4 poles, 480VAC, NEMA Premium motors.

Use as a guide only. Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of VFD and overload conditions.

VT: Variable Torque CT: Constant Torque, O/L: Overload

Panels 200HP and above are ventilated free standing floor mounted enclosures.

Variable Frequency Drives - Enclosed Drive Panel

EDP11S - Flange Mount Options

| Voltage | Normal Duty CT-110% / 1min | | Heavy Duty CT-150% / 1min | | NEMA 12 Wall Mount Indoor Rated | NEMA 12 LIST | NEMA 3R Wall Mount Outdoor Rated | NEMA 3R LIST | Adder for 3-Cont. Bypass, Wall Mount | | Adder for HOA / POT / TB List |
|---------|----------------------------|------|---------------------------|-----|---------------------------------|--------------|----------------------------------|--------------|--------------------------------------|---------|-------------------------------|
| | HP | A | HP | A | Non-Ventilated | \$\$\$ | Non-Ventilated | \$\$\$ | Size | LIST | |
| | | | | | | | | | | \$\$\$ | |
| 230 VAC | 2 | 7 | 1.5 | 5.5 | EDP11S007DN12* | \$6,690 | EDP11S007DN3R* | \$8,521 | B | \$1,510 | \$763 |
| | 3 | 10 | 2 | 8 | EDP11S010DN12* | \$6,756 | EDP11S010DN3R* | \$8,587 | | \$1,520 | \$763 |
| | 5 | 13 | 3 | 11 | EDP11S013DN12* | \$6,855 | EDP11S013DN3R* | \$8,686 | | \$1,520 | \$763 |
| | 5 | 16 | 5 | 13 | EDP11S016DN12* | \$7,123 | EDP11S016DN3R* | \$8,918 | | \$1,520 | \$763 |
| | 7.5 | 24 | 7.5 | 20 | EDP11S024DN12* | \$7,664 | EDP11S024DN3R* | \$9,459 | C | \$1,598 | \$763 |
| | 10 | 28 | 10 | 24 | EDP11S028DN12* | \$8,408 | EDP11S028DN3R* | \$10,202 | | \$1,792 | \$763 |
| | 10 | 33.5 | 10 | 28 | EDP11S033DN12* | \$9,108 | EDP11S033DN3R* | \$10,902 | | \$1,903 | \$763 |
| | 15 | 45 | 15 | 36 | EDP11S045DN12* | \$10,214 | EDP11S045DN3R* | \$12,122 | D | \$2,102 | \$763 |
| | 20 | 54 | 20 | 45 | EDP11S054DN12* | \$11,491 | EDP11S054DN3R* | \$13,400 | | \$2,247 | \$763 |
| | 25 | 70 | 20 | 56 | EDP11S070DN12* | \$12,162 | EDP11S070DN3R* | \$14,162 | | \$2,695 | \$763 |
| | 30 | 86 | 25 | 70 | EDP11S086DN12* | \$14,321 | EDP11S086DN3R* | \$16,320 | E | \$2,695 | \$763 |
| | 40 | 105 | 30 | 86 | EDP11S105DN12* | \$17,164 | EDP11S105DN3R* | \$19,338 | | \$2,888 | \$763 |
| | 50 | 142 | 40 | 115 | EDP11S142DN12* | \$19,793 | EDP11S142DN3R* | \$21,967 | F | \$4,985 | \$763 |
| | 60 | 180 | 50 | 142 | EDP11S180DN12* | \$25,116 | EDP11S180DN3R* | \$27,290 | | \$5,995 | \$763 |
| | 75 | 211 | 60 | 180 | EDP11S211DN12* | \$28,326 | EDP11S211DN3R* | \$30,499 | | \$7,325 | \$763 |

| Voltage | Normal Duty CT-110% / 1min | | Heavy Duty CT-150% / 1min | | NEMA 12 Wall Mount Indoor Rated | NEMA 12 LIST | NEMA 3R Wall Mount Outdoor Rated | NEMA 3R LIST | Adder for 3-Cont. Bypass, Wall Mount | | Adder for HOA / POT / TB List |
|---------|----------------------------|------|---------------------------|------|---------------------------------|--------------|----------------------------------|--------------|--------------------------------------|----------|-------------------------------|
| | HP | A | HP | A | Non-Ventilated | \$\$\$ | Non-Ventilated | \$\$\$ | Size | LIST | |
| | | | | | | | | | | \$\$\$ | |
| 480 VAC | 2 | 3.6 | 2 | 3.6 | EDP11S003GN12* | \$6,510 | EDP11S003GN3R* | \$8,341 | B | \$1,510 | \$763 |
| | 3 | 5 | 3 | 5 | EDP11S005GN12* | \$6,626 | EDP11S005GN3R* | \$8,457 | | \$1,510 | \$763 |
| | 5 | 7 | 3 | 5.5 | EDP11S007GN12* | \$6,690 | EDP11S007GN3R* | \$8,521 | | \$1,510 | \$763 |
| | 7.5 | 10 | 5 | 10 | EDP11S010GN12* | \$6,756 | EDP11S010GN3R* | \$8,587 | | \$1,520 | \$763 |
| | 10 | 13.5 | 7.5 | 11 | EDP11S013GN12* | \$6,855 | EDP11S013GN3R* | \$8,686 | | \$1,520 | \$763 |
| | 10 | 17 | 10 | 13.5 | EDP11S017GN12* | \$7,269 | EDP11S017GN3R* | \$9,100 | C | \$1,598 | \$763 |
| | 15 | 24 | 10 | 19 | EDP11S024GN12* | \$7,821 | EDP11S024GN3R* | \$9,652 | | \$1,792 | \$763 |
| | 20 | 31 | 15 | 25 | EDP11S031GN12* | \$8,580 | EDP11S031GN3R* | \$10,411 | | \$1,903 | \$763 |
| | 25 | 38 | 20 | 33 | EDP11S038GN12* | \$9,293 | EDP11S038GN3R* | \$11,125 | D | \$1,985 | \$763 |
| | 30 | 45 | 25 | 38 | EDP11S045GN12* | \$10,422 | EDP11S045GN3R* | \$12,369 | | \$2,102 | \$763 |
| | 40 | 58.5 | 30 | 47 | EDP11S058GN12* | \$12,026 | EDP11S058GN3R* | \$13,673 | | \$2,247 | \$763 |
| | 50/60 | 70.5 | 40 | 61 | EDP11S070GN12* | \$12,729 | EDP11S070GN3R* | \$14,451 | E | \$2,695 | \$763 |
| | 75 | 88 | 50 | 73 | EDP11S088GN12* | \$14,988 | EDP11S088GN3R* | \$16,653 | | \$2,888 | \$763 |
| | 75 | 105 | 75 | 88 | EDP11S105GN12* | \$17,964 | EDP11S105GN3R* | \$19,733 | F | \$3,344 | \$763 |
| | 100/125 | 142 | 75 | 115 | EDP11S142GN12* | \$20,715 | EDP11S142GN3R* | \$22,415 | | \$4,985 | \$763 |
| | 150 | 180 | 100 | 142 | EDP11S180GN12* | \$26,286 | EDP11S180GN3R* | \$27,847 | | \$5,995 | \$763 |
| | 175 | 211 | 125 | 180 | EDP11S211GN12* | \$29,645 | EDP11S211GN3R* | \$31,122 | | \$7,325 | \$763 |
| | 200 | 242 | 150 | 211 | EDP11S242GN12* | \$40,755 | EDP11S242GN3R* | \$45,693 | J | \$12,579 | \$858 |
| | 250 | 312 | 200 | 242 | EDP11S312GN12* | \$45,114 | EDP11S312GN3R* | \$50,053 | | \$14,143 | \$858 |
| | 300 | 370 | 250 | 312 | EDP11S370GN12* | \$47,743 | EDP11S370GN3R* | \$52,682 | | \$14,403 | \$858 |
| | 350 | 477 | 300 | 370 | EDP11S477GN12* | \$54,585 | EDP11S477GN3R* | \$59,523 | | \$22,033 | \$858 |
| | 400 | 515 | 350 | 477 | EDP11S515GN12* | \$66,023 | EDP11S515GN3R* | \$71,976 | K | \$22,033 | \$858 |
| | 500 | 601 | 450 | 515 | EDP11S601GN12* | \$71,875 | EDP11S601GN3R* | \$77,828 | | \$27,572 | \$858 |
| | 600 | 720 | 500 | 601 | EDP11S720GN12* | \$88,556 | EDP11S720GN3R* | \$94,509 | | \$31,388 | \$858 |

Notes: "HP" rating based on FLA values from WEG W22, 2 and 4 poles, 480VAC, NEMA Premium motors".

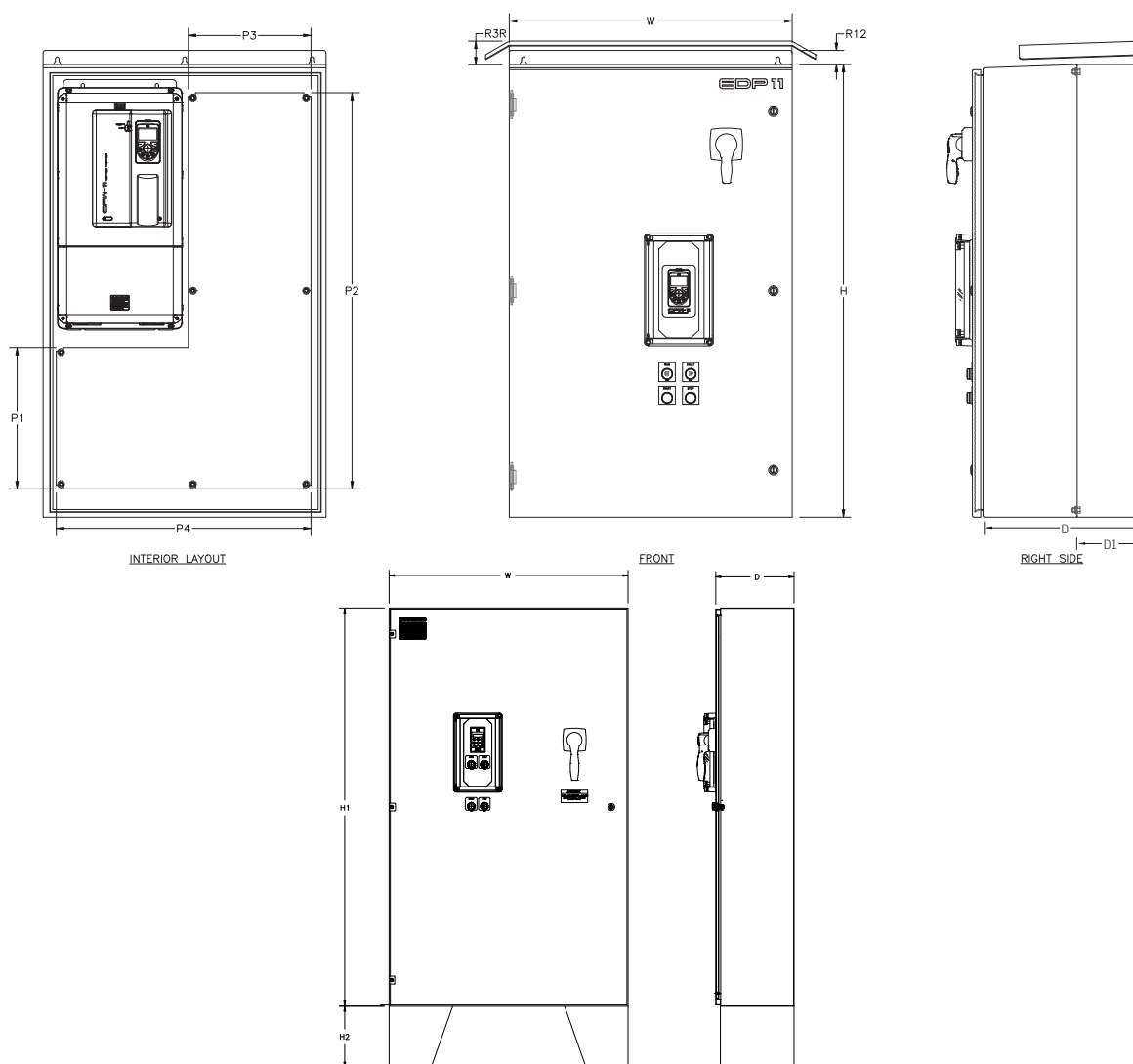
Use as a guide only. Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of VFD and overload conditions.

*Part numbers to change if options added. EX: EDP11S...GN1211000 1st 1 = 3 CONT BYP, 2nd 1 = HOA / POT / TB adder



Variable Frequency Drives - Enclosed Drive Panel

Dimensions



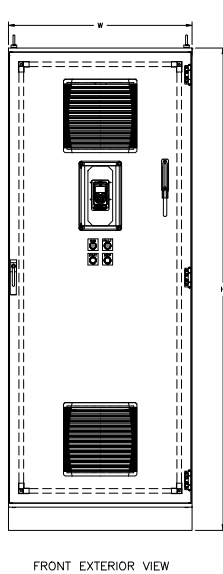
Dimensions

| Frame | H | W | D | D1 | R3R* | R12** |
|-------|----|----|------|-----|------|-------|
| B | 24 | 20 | 12 | 2.8 | 2.5 | 1.5 |
| C | 30 | 24 | 14.5 | 5.4 | 2.5 | 1.5 |
| D | 36 | 30 | 14.5 | 5.4 | 2.5 | 1.5 |
| E | 48 | 30 | 18 | 6.9 | 2.5 | 1.5 |
| F | 60 | 36 | 18 | | | |
| G | 83 | 32 | 24 | | | |
| H | 83 | 56 | 36 | | | |

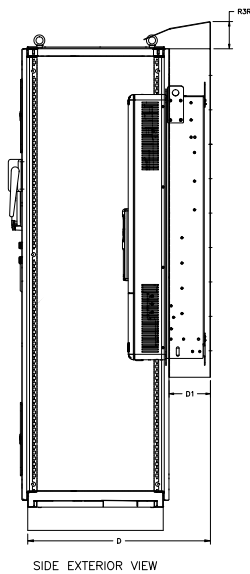
*For NEMA 3R cabinet **For NEMA 12 cabinet

Variable Frequency Drives - Enclosed Drive Panel

Dimensions

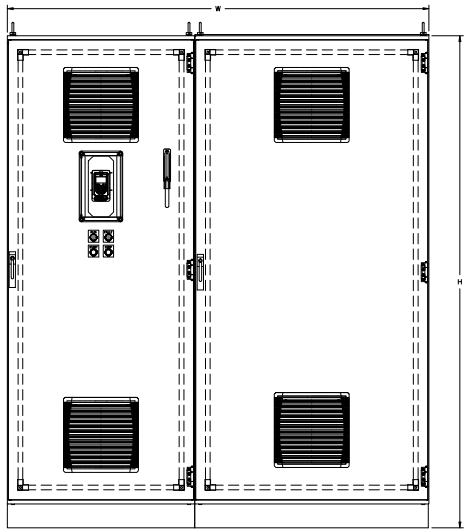


FRONT EXTERIOR VIEW

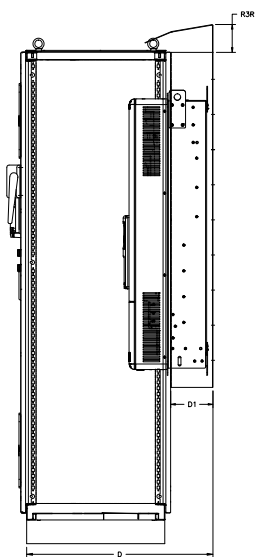


SIDE EXTERIOR VIEW

Frame G



FRONT EXTERIOR VIEW



SIDE EXTERIOR VIEW

Frames H, J, K

Dimensions

| Frame | H | W | D | D1 |
|-------|----|----|----|----|
| G | 83 | 32 | 24 | 8 |
| H | 83 | 56 | 36 | 8 |
| J | 83 | 72 | 34 | 8 |
| K | 83 | 96 | 36 | 8 |







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