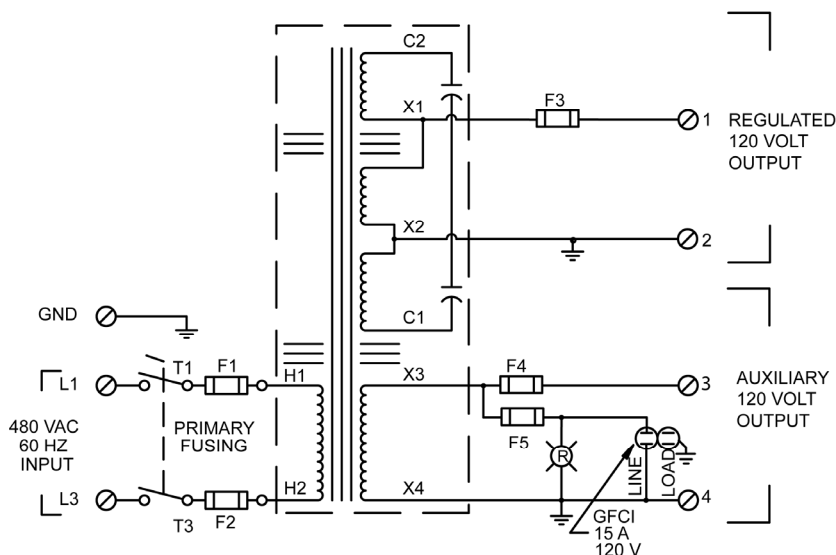


The Daykin CVFB Series offers a powerful combination of transformer disconnect with a surge-suppressed regulated voltage output tailored to the specific power needs of PLC, computer based controls and other voltage and noise sensitive equipment. The 200 kA SCCR exceeds the most stringent UL 508A & Canadian requirements. This provides a higher level of protection in the case of catastrophic fault currents.

## Specifications

- 200 kA short circuit current rating
- Voltage regulation
- Surge and noise suppression
- 15A GFCI receptacle
- Lockable switch
- Four flexible mounting configurations
- Class CC primary fusing
- Power-on pilot light

### Unregulated 120V Auxiliary



### D-MODELS WITH DUPLEX RECEPTACLES ONLY

| Model<br>CVFB | Separate<br>Auxiliary<br>kVA | Regulated<br>Voltage<br>kVA | Primary<br>Amps<br>F1 & F2 | Maximum<br>Secondary Current |           | Approx. Wt.<br>lb (kg) |
|---------------|------------------------------|-----------------------------|----------------------------|------------------------------|-----------|------------------------|
|               |                              |                             |                            | Auxiliary                    | Regulated |                        |
| CVFB*-0707    | 0.5                          | 0.5                         | 8                          | 4.2                          | 4.2       | 120 (54)               |
| CVFB*-0507    | 1.0                          | 0.5                         | 10                         | 8.3                          | 4.2       | 132 (60)               |
| CVFB*-0705    | 0.5                          | 1.0                         | 10                         | 4.2                          | 8.3       | 132 (60)               |
| CVFB*-0505    | 1.0                          | 1.0                         | 15                         | 8.3                          | 8.3       | 165 (75)               |
| CVFB*-0701    | 0.5                          | 2.0                         | 15                         | 4.2                          | 16.7      | 176 (80)               |
| CVFB*-0501    | 1.0                          | 2.0                         | 20                         | 8.3                          | 16.7      | 177 (80)               |
| CVFB*-0515    | 1.0                          | 3.0                         | 25                         | 8.3                          | 25.0      | 197 (89)               |
| CVFB*-0301    | 1.5                          | 2.0                         | 25                         | 12.5                         | 16.7      | 200 (91)               |
| CVFB*-0101    | 2.0                          | 2.0                         | 25                         | 16.7                         | 16.7      | 210 (95)               |
| CVFB*-1501    | 3.0                          | 2.0                         | 30                         | 25.0                         | 16.7      | 215 (98)               |

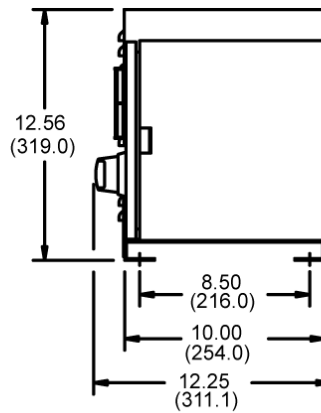
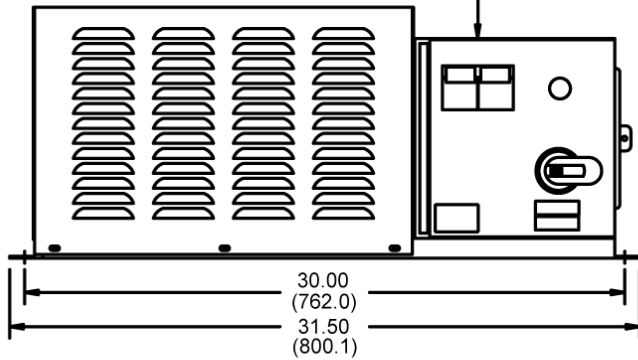
**Note:** Model D - shipped in two separate enclosures, requires customer to interconnect. Dashed area indicates transformer and capacitor section.

# Transformer Disconnect - NEMA 1 / IP22 CVFB Series

## Mounting Configurations

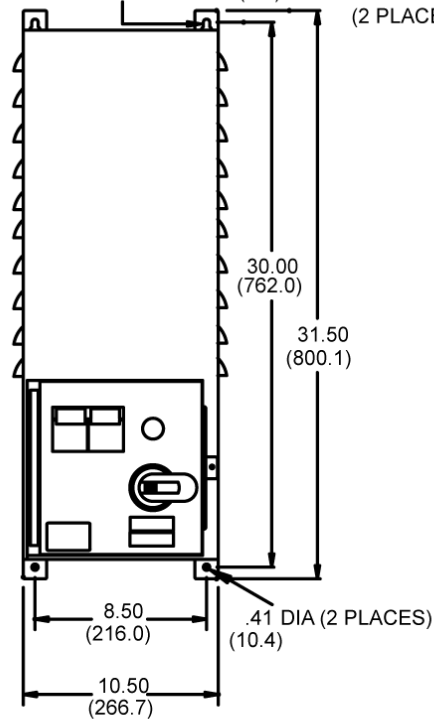
MODEL A: TOP MOUNT

DISCONNECT COMPARTMENT NEMA 12  
MODELS A,B, AND C ONLY.



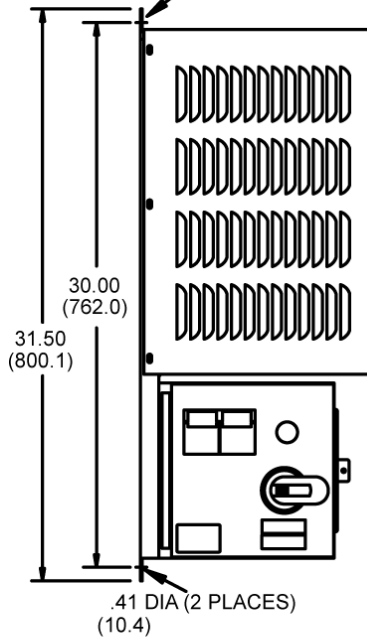
MODEL C: FRONT MOUNT

STANDARD .375 (9.5) BOLT KEYHOLE  
(2 PLACES)



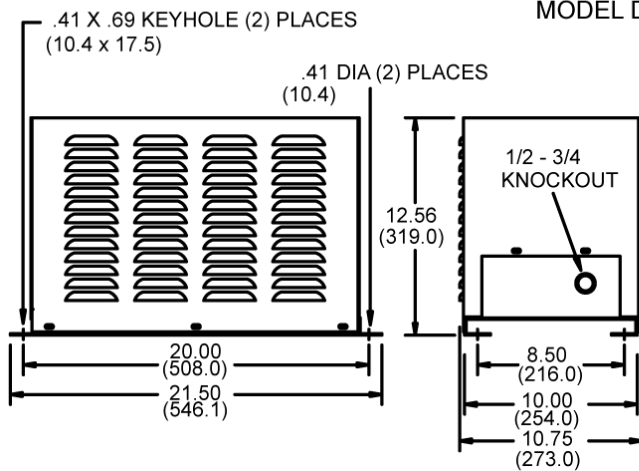
MODEL B: SIDE MOUNT

STANDARD .375 (9.5) BOLT KEYHOLE  
(2 PLACES)



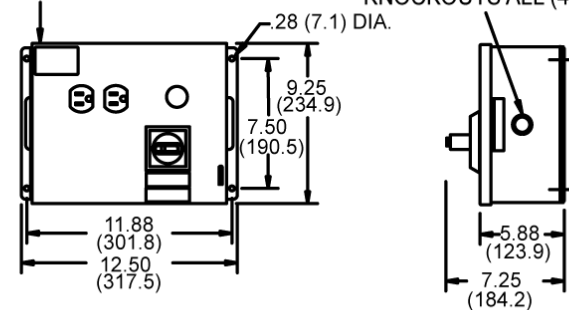
MODEL D: MODULAR

1/2 - 3/4 (12.7 - 19.05)



NEMA 1 ENCLOSURE / IP22

28 (7.1) DIA.  
KNOCKOUTS ALL (4) SIDES



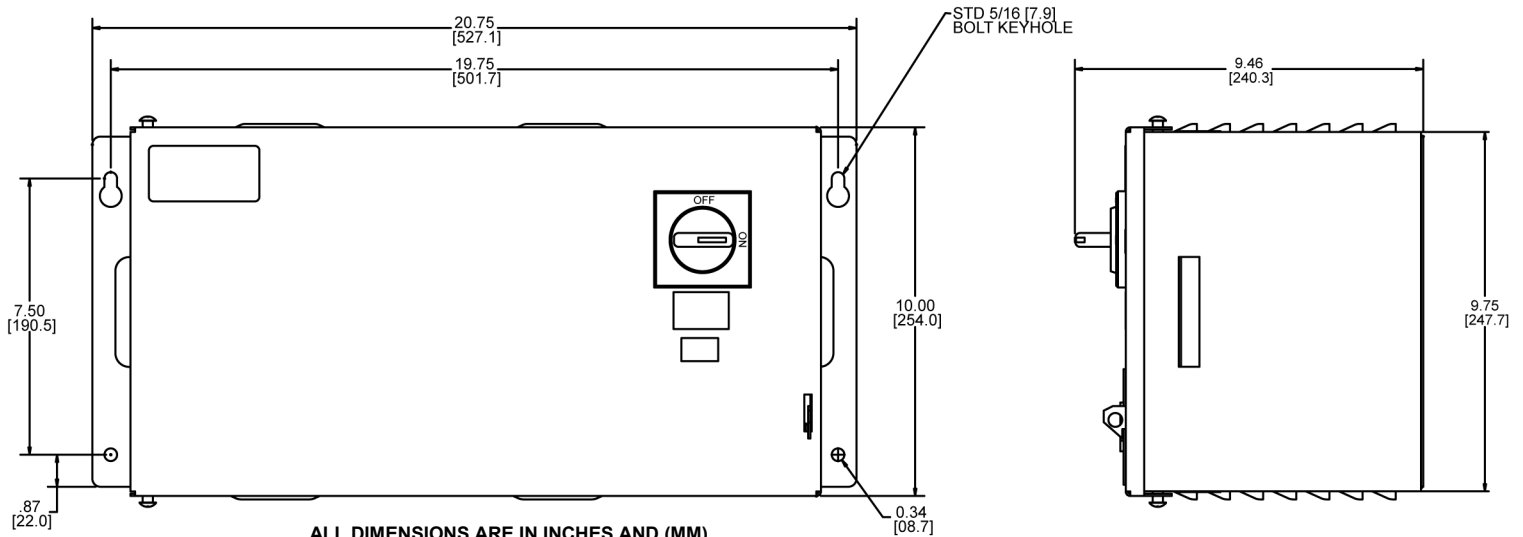
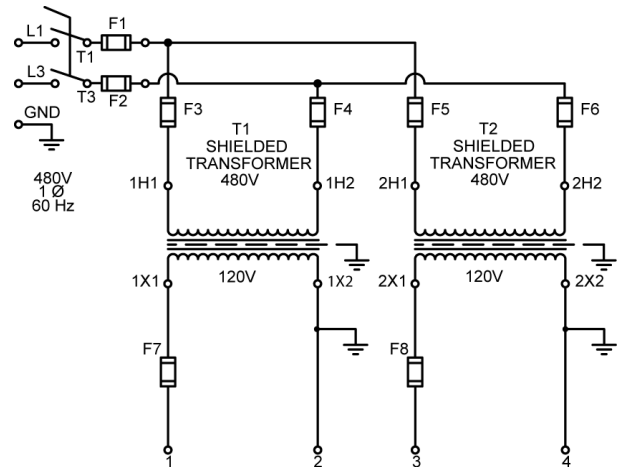
ALL DIMENSIONS ARE IN INCHES AND (MM)

## Dual Transformer (200 kA SCCR)

The Daykin DTFB Series provides two independent transformers to supply separate outputs for machine tool and auxiliary functions. Both transformers are electrostatically shielded to provide enhanced protection against noise and transients.

### Features

- Two independent outputs
- 200 kA short circuit current rating
- Electrostatic shielding within the transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients.
- Lockable switch
- Class CC primary fusing, secondary fuses 13/32 " x 1 1/2"
- Wide range of transformer ratings
-  Listed



ALL DIMENSIONS ARE IN INCHES AND (MM)

| T1<br>kVA | T2<br>kVA | Model     | Fuse Ratings Amps |           |         |    |    | Approx.<br>Weight<br>lb (kg) |
|-----------|-----------|-----------|-------------------|-----------|---------|----|----|------------------------------|
|           |           |           | Primary           | Secondary |         |    |    |                              |
|           |           |           | F1 & F2           | F3 & F4   | F5 & F6 | F7 | F8 |                              |
| 0.5       | 0.5       | DTFB-0707 | 5                 | 3         | 3       | 5  | 5  | 53 (24)                      |
| 1.0       | 0.5       | DTFB-0507 | 8                 | 5         | 3       | 10 | 5  | 58 (26)                      |
| 0.5       | 1.0       | DTFB-0705 | 8                 | 3         | 5       | 5  | 10 | 62 (28)                      |
| 1.0       | 1.0       | DTFB-0505 | 12                | 5         | 5       | 10 | 10 | 66 (30)                      |
| 1.0       | 2.0       | DTFB-0501 | 15                | 5         | 12      | 10 | 20 | 79 (36)                      |
| 1.0       | 3.0       | DTFB-0515 | 25                | 5         | 15      | 10 | 25 | 87 (39)                      |

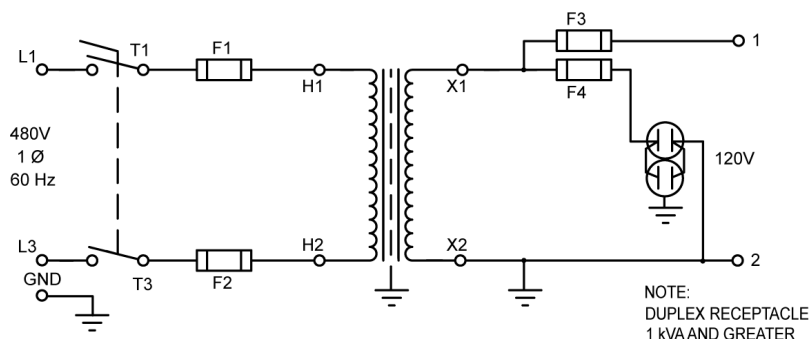
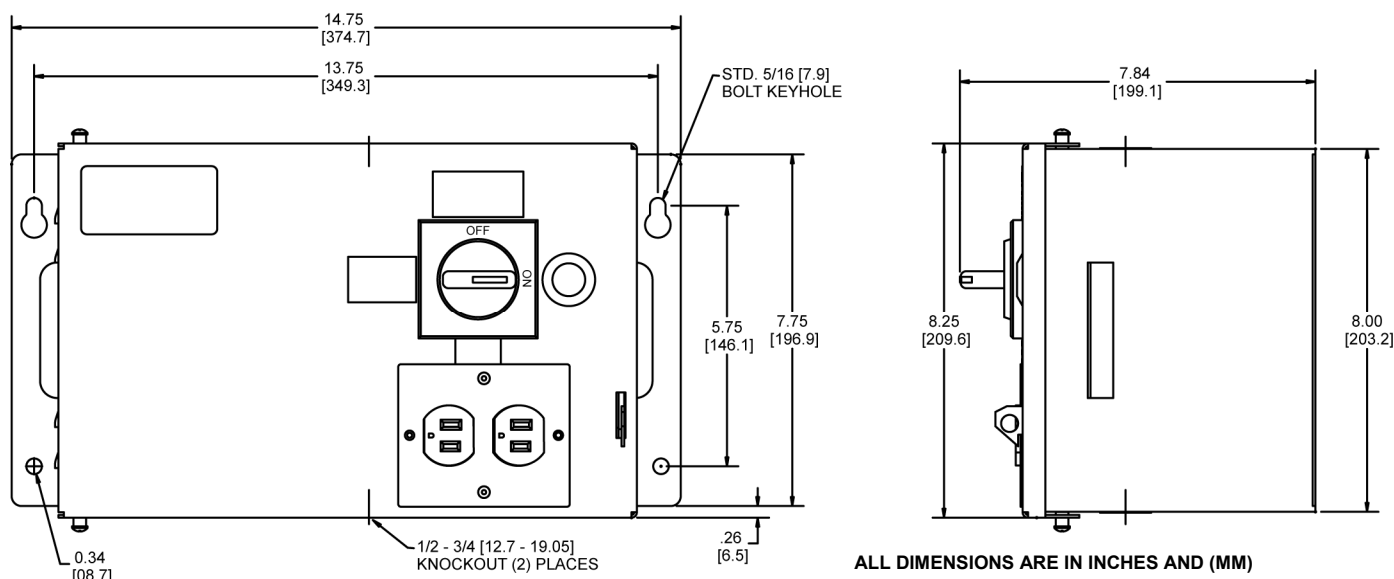
## Transformer Disconnect - NEMA 1 / IP22 LTFB Series

### Low Profile (200 kA SCCR)

The Daykin LTFB Series is based on the original Daykin transformer disconnect and features a low profile design. The enclosure is less than 8" (203.2 mm) in depth. This series is available from 0.50 kVA through 2 kVA. All transformers are electrostatically shielded. This series is utilized for a wide variety of applications including interior panel lighting.

#### Features

- Transformer size from 0.50 kVA through 2 kVA
- Class CC primary
- Units 1 kVA and above include a 15 Amp duplex receptacle
- Lockable switch
- 200 kA short circuit current rating
- Electrostatic shielding within the transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients
-  Listed



| Transformer<br>kVA<br>Rating | Model   | Fuse Ratings<br>Amps |           |    | Approx.<br>Weight<br>lb (kg) |
|------------------------------|---------|----------------------|-----------|----|------------------------------|
|                              |         | Primary              | Secondary |    |                              |
|                              |         | F1 & F2              | F3        | F4 |                              |
| 0.5                          | LTFB-07 | 3                    | 5         | -  | 29 (13)                      |
| 1.0                          | LTFB-05 | 5                    | 2         | 7  | 35 (16)                      |
| 1.5                          | LTFB-03 | 8                    | 5         | 8  | 42 (18)                      |
| 2.0                          | LTFB-01 | 12                   | 10        | 8  | 51 (23)                      |

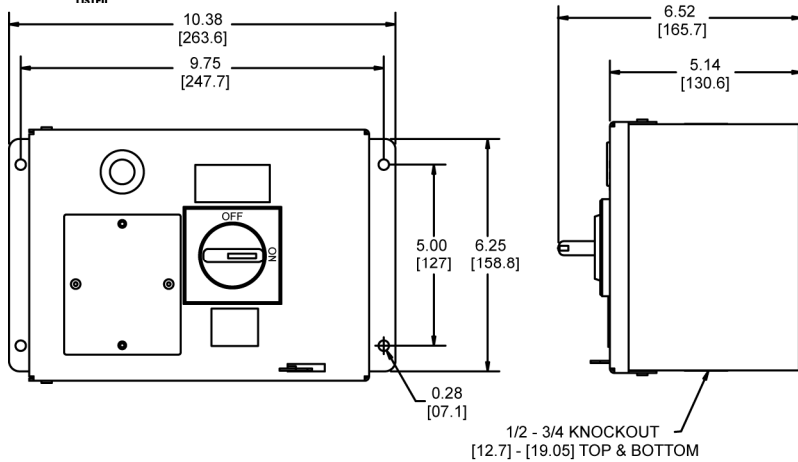
## Transformer Disconnect - NEMA 1 / IP22 GM2F1F Series

### Modular Transformer Disconnect (200 kA SCCR)

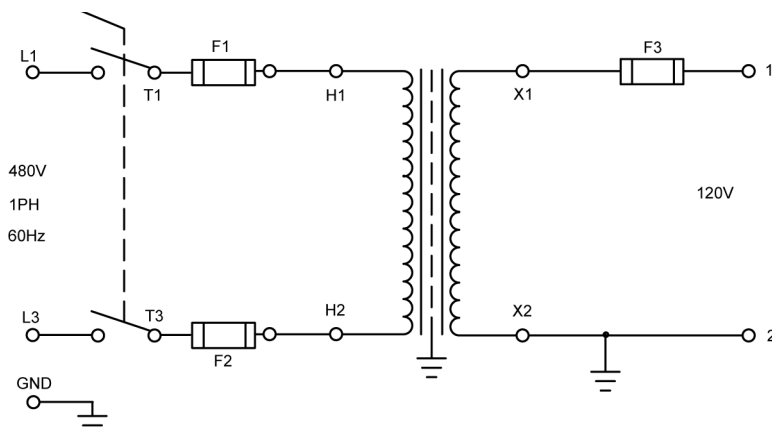
The Daykin GM2F1F Series is modular in construction. This transformer disconnect is a two component system. The transformer compartment is epoxy encapsulated, enclosed and designed to mount on the outside of the control panel. The disconnect compartment accommodates the switch and all overcurrent protection. This NEMA 1 / IP22 compartment is designed to mount inside the control panel. All termination points are well identified for easy interconnection. This system is well suited for applications where backplate space is at a premium. It also avoids additional heat load loss within the control panel.

#### Features

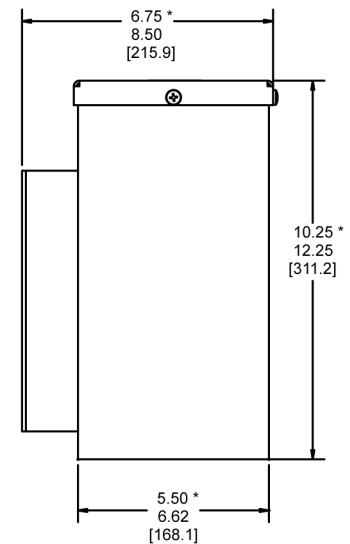
- Transformer ratings from 1 kVA through 3 kVA
- All overcurrent protection provided - primary fuses Class CC, secondary fuses 13/32 " x 1 1/2 "
- Electrostatic shielding within the transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients.
- Lockable switch
- 200 kA short circuit rating
-  Listed



DISCONNECT COMPARTMENT

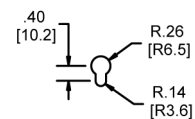
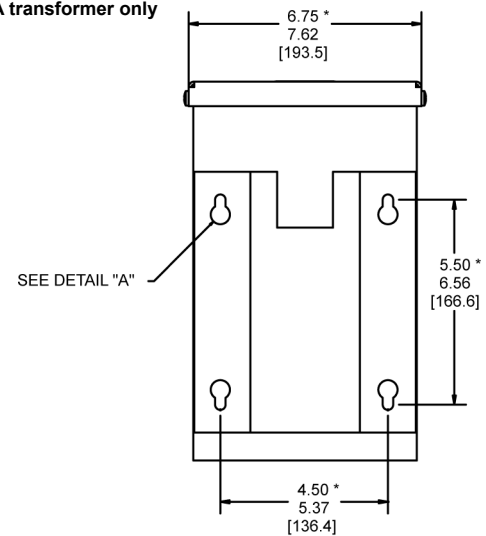


| Transformer<br>kVA<br>Rating | Model     | Fuse Ratings<br>Amps |                 | Approx.<br>Weight<br>lb (kg) |
|------------------------------|-----------|----------------------|-----------------|------------------------------|
|                              |           | Primary<br>F1 & F2   | Secondary<br>F3 |                              |
| 1.0                          | GM2F1F-05 | 5                    | 8               | 39 (18)                      |
| 1.5                          | GM2F1F-03 | 8                    | 12              | 59 (27)                      |
| 2.0                          | GM2F1F-01 | 12                   | 15              | 78 (35)                      |
| 3.0                          | GM2F1F-15 | 15                   | 25              | 91 (41)                      |



ALL DIMENSIONS ARE IN INCHES

/A transformer only



TRANSFORMER COMPARTMENT

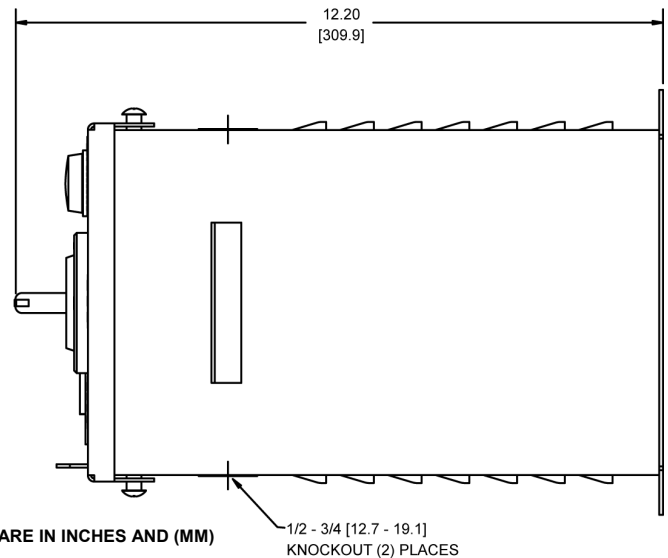
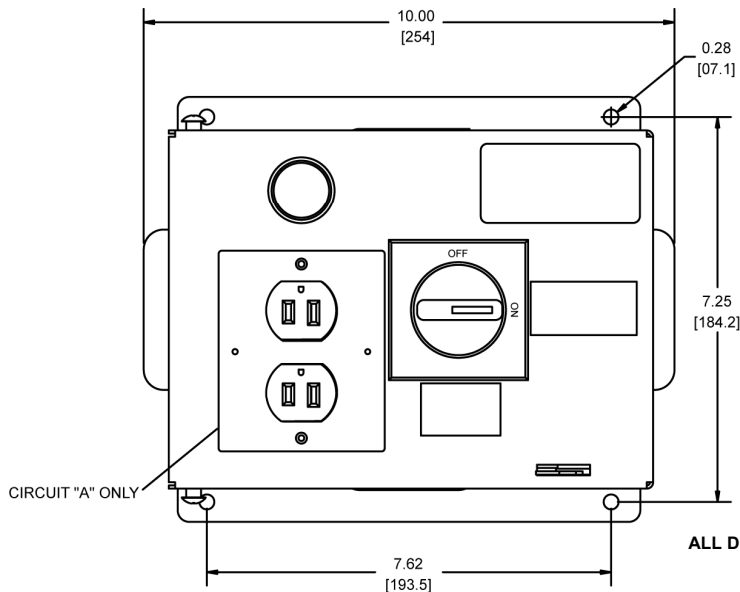
## Transformer Disconnect - NEMA 1 / IP22 GMDGT Series

### Compact Transformer Disconnect (200 kA SCCR)

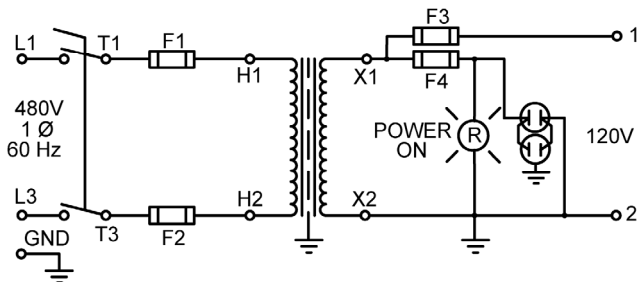
The GMDGT Series is suitable for use on circuits capable of delivering up to 200,000 amps RMS symmetrical short circuit current to meet the most stringent Canadian and UL 508A requirements. This NEMA 1 / IP22 enclosed series features a small footprint for applications where back plate space is at a premium.

#### Features

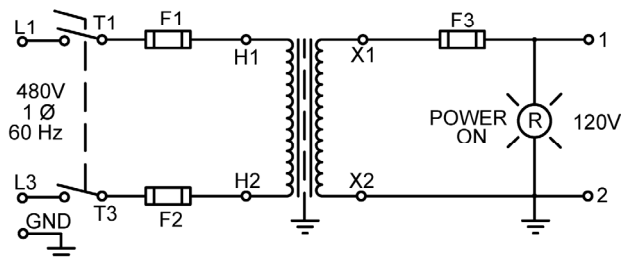
- 200 kA short circuit current rating
- Electrostatic shielding within the transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients
- Power-on pilot light
- Integral class CC primary fusing, secondary fuse holders only – suitable for 13/32" x 1 1/2" fuses
- Lockable switch
-  LISTED



CIRCUIT A - Grounded Secondary With Duplex Receptacle For Lighting



CIRCUIT B - Grounded Secondary Less Duplex Receptacle



| Transformer<br>kVA Rating | Model     | Fuse Ratings<br>Amps |                           | Approx. Weight<br>lb (kg) |
|---------------------------|-----------|----------------------|---------------------------|---------------------------|
|                           |           | Primary<br>F1 & F2   | Maximum Secondary<br>Amps |                           |
| 0.5                       | GMDGT*-07 | 3                    | 4                         | 24 (11)                   |
| 1.0                       | GMDGT*-05 | 5                    | 8                         | 29 (13)                   |

\*Select circuit letter when ordering

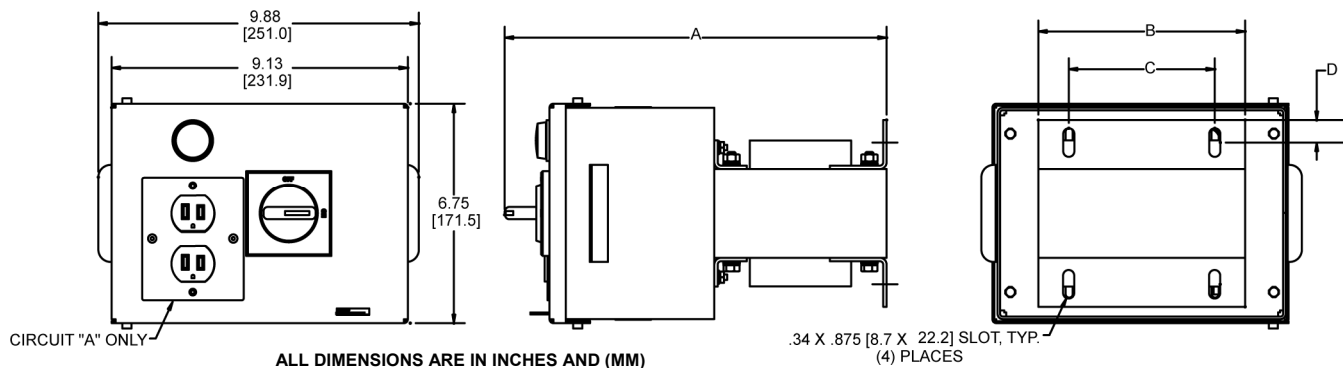
## Transformer Disconnect - NEMA 1 / IP22 GOMDGT Series

### Compact Transformer Disconnect (200 kA SCCR)

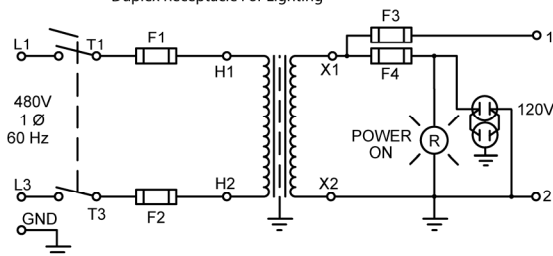
The GOMDGT Series is suitable for use on circuits capable of delivering up to 200,000 amps RMS symmetrical short circuit current to meet the most stringent Canadian and UL 508A requirements. This series offers a NEMA 1 / IP22 enclosed disconnect with a choice of three large open transformers, while maintaining the smallest possible footprint.

#### Features

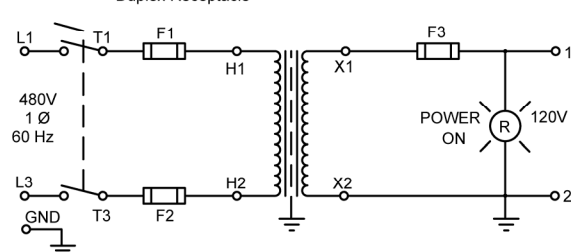
- 200 kA short circuit current rating
- Electrostatic shielding within the transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients
- Power-on pilot light
- Integral class CC primary fusing, secondary fuse holders only – suitable for 13/32" x 1 1/2" fuses
- Lockable switch
-  Listed



CIRCUIT A - Grounded Secondary With Duplex Receptacle For Lighting



CIRCUIT B - Grounded Secondary Less Duplex Receptacle



| Transformer<br>kVA<br>Rating | Model      | Fuse Ratings<br>Amps | Maximum<br>Secondary<br>(Amps) | Dimensions are in inches and (mm) |                 |                 |               | Approx.<br>Weight<br>lb (kg) |
|------------------------------|------------|----------------------|--------------------------------|-----------------------------------|-----------------|-----------------|---------------|------------------------------|
|                              |            | Primary<br>F1 & F2   |                                | A                                 | B               | C               | D             |                              |
| 1.5                          | GOMDGT*-03 | 8                    | 12.50                          | 11.77<br>(299.1)                  | 6.38<br>(161.9) | 4.50<br>(114.3) | .69<br>(17.5) | 38 (17)                      |
| 2.0                          | GOMDGT*-01 | 12                   | 16.60                          | 11.77<br>(299.1)                  | 6.38<br>(161.9) | 4.50<br>(114.3) | .69<br>(17.5) | 39 (18)                      |
| 3.0                          | GOMDGT*-15 | 15                   | 25.00                          | 12.71<br>(322.9)                  | 7.50<br>(190.5) | 5.50<br>(139.7) | .90<br>(22.9) | 55 (25)                      |

\*Select circuit letter when ordering

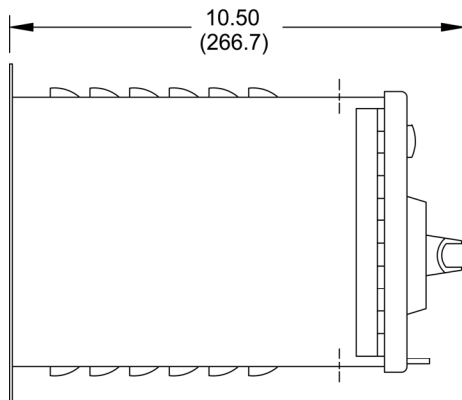
## Transformer Disconnect - NEMA 1 / IP22 MDGT Series

### Compact Transformer Disconnect (5 kA SCCR)

The Daykin MDGT Series is a NEMA 1 enclosed transformer disconnect with a small footprint for use where backplate space is at a premium.

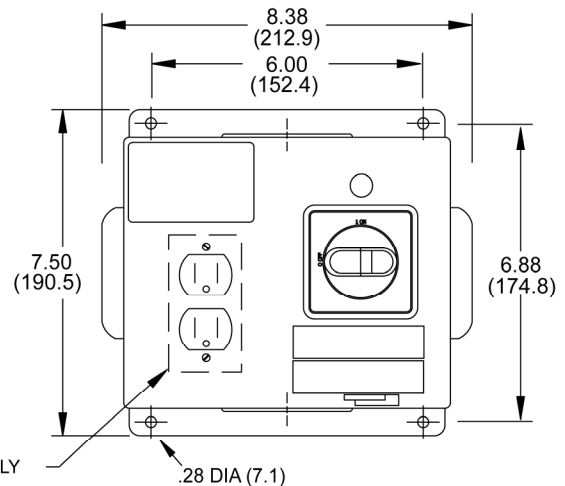
#### Features

- Transformer rating of 0.50 kVA or 1 kVA
- Electrostatic shielding within the transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients.
- Power-on pilot light
- Class CC primary fusing, secondary fuseholders only - suitable for 13/32" x 1 1/2" fuses
- Lockable switch

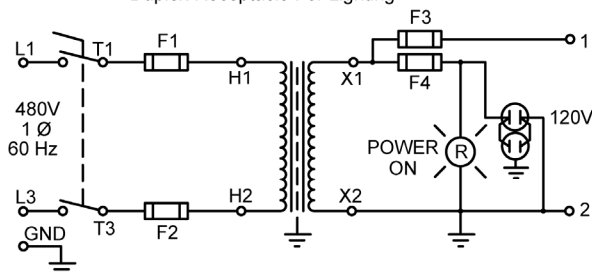


ALL DIMENSIONS ARE IN INCHES (MM)

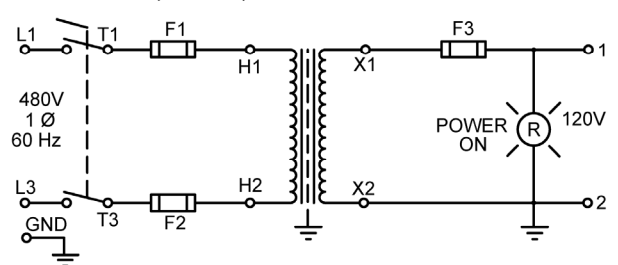
CIRCUIT A ONLY



CIRCUIT A - Grounded Secondary With Duplex Receptacle For Lighting



CIRCUIT B - Grounded Secondary Less Duplex Receptacle



| Transformer<br>kVA Rating | Model    | Fuse Ratings<br>Amps     | Maximum Secondary<br>Current (Amps) | Approx. Weight<br>lb (kg) |
|---------------------------|----------|--------------------------|-------------------------------------|---------------------------|
|                           |          | Primary Fuses<br>F1 & F2 |                                     |                           |
| 0.5                       | MDGT*-07 | 3                        | 4                                   | 24 (11)                   |
| 1.0                       | MDGT*-05 | 5                        | 8                                   | 29 (13)                   |

\*Select circuit letter when ordering



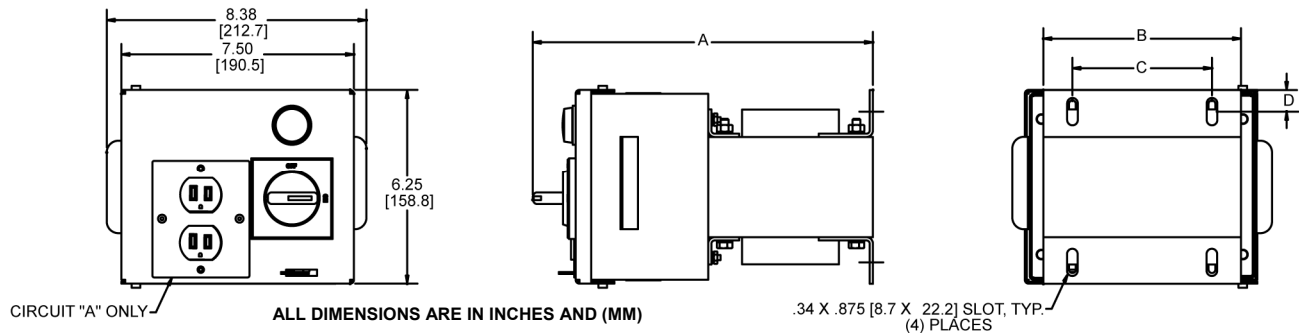
## Transformer Disconnect - NEMA 1 / IP22 OMDGT Series

### Compact Transformer Disconnect (5 kA SCCR)

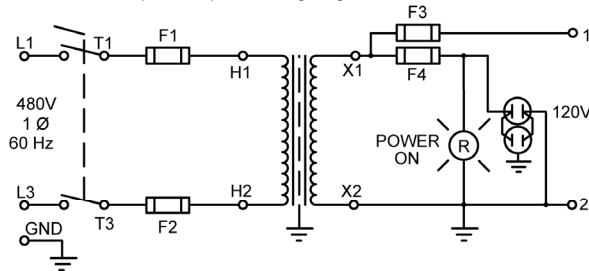
The Daykin OMDGT Series offers a NEMA 1 enclosed disconnect with a choice of three large open transformers. This series provides greater power while still maintaining the smallest possible footprint.

#### Features

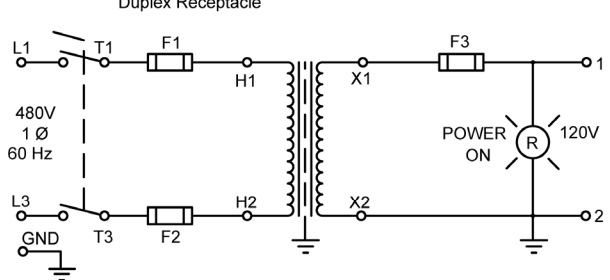
- Transformer rating from 1.5 kVA through 3 kVA
- Electrostatic shielding within the transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients
- Power-on pilot light
- Class CC primary fusing, secondary fuse holders only - suitable for 13/32" x 1 1/2" fuses
- Lockable switch



CIRCUIT A - Grounded Secondary With Duplex Receptacle For Lighting



CIRCUIT B - Grounded Secondary Less Duplex Receptacle



| Transformer<br>kVA Rating | Model     | Fuse Ratings<br>Amps     | Maximum<br>Secondary<br>(Amps) | Dimensions are in inches and (mm) |                 |                 |               | Approx.<br>Weight<br>lb (kg) |
|---------------------------|-----------|--------------------------|--------------------------------|-----------------------------------|-----------------|-----------------|---------------|------------------------------|
|                           |           | Primary Fuses<br>F1 & F2 |                                | A                                 | B               | C               | D             |                              |
| 1.5                       | OMDGT*-03 | 8                        | 12.50                          | 10.47<br>(265.9)                  | 6.38<br>(161.9) | 4.50<br>(114.3) | .69<br>(17.5) | 38 (17)                      |
| 2.0                       | OMDGT*-01 | 12                       | 16.60                          | 10.47<br>(265.9)                  | 6.38<br>(161.9) | 4.50<br>(114.3) | .69<br>(17.5) | 39 (19)                      |
| 3.0                       | OMDGT*-15 | 13                       | 25.00                          | 11.91<br>(302.4)                  | 7.50<br>(190.5) | 5.50<br>(139.7) | .90<br>(22.9) | 55 (25)                      |

\*Select circuit letter when ordering

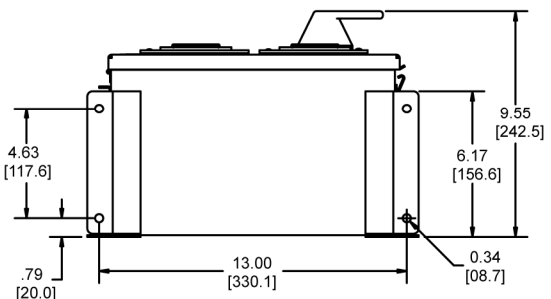
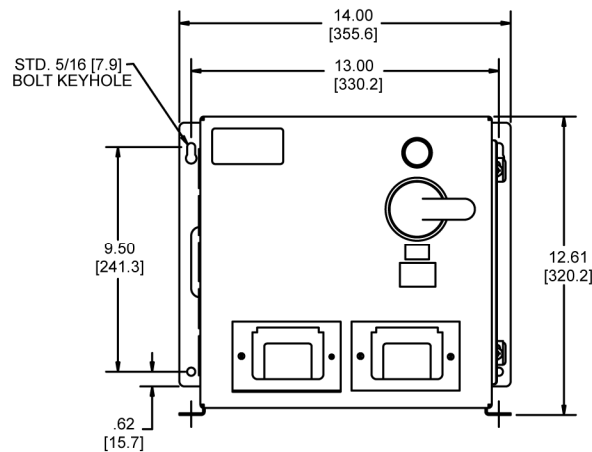
## Transformer Disconnect - NEMA 12 / IP54 GPFB Series

### General Purpose 0.50 kVA - 3 kVA (200 kA SCCR)

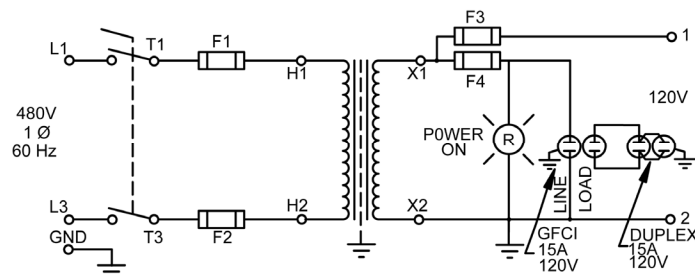
The Daykin GPFB Series is a NEMA 12 / IP54 enclosed transformer disconnect suitable for mounting on the outside of an electrical control panel. This enclosure has provisions for base or side mounting. Dual mounting capability offers flexibility.

#### Features

- Transformer rating from 0.50 kVA through 3 kVA
- 200 kA short circuit current rating
- Power-on pilot light
- Class CC primary fusing, secondary fusing 13/32" x 1 1/2"
- Units 1 kVA and above include two covered 15 Amp duplex receptacles
- Lockable switch
- Enclosure seams are continuously welded
- Continuous hinged door with neoprene gasketing
- Electrostatic shielding within the transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients
-  Listed



ALL DIMENSIONS ARE IN INCHES AND (MM)



NOTE:  
RECEPTACLES ON  
1 KVA AND GREATER

| Transformer<br>kVA Rating | Model   | Fuse Ratings<br>Amps |           |    | Approx. Weight<br>lb (kg) |
|---------------------------|---------|----------------------|-----------|----|---------------------------|
|                           |         | Primary<br>F1 & F2   | Secondary |    |                           |
|                           |         |                      | F3        | F4 |                           |
| 0.5                       | GPFB-07 | 3                    | 5         | -- | 39 (18)                   |
| 1.0                       | GPFB-05 | 5                    | 2         | 7  | 44 (20)                   |
| 1.5                       | GPFB-03 | 8                    | 5         | 8  | 56 (25)                   |
| 2.0                       | GPFB-01 | 12                   | 8         | 10 | 60 (27)                   |
| 3.0                       | GPFB-15 | 15                   | 10        | 15 | 66 (30)                   |

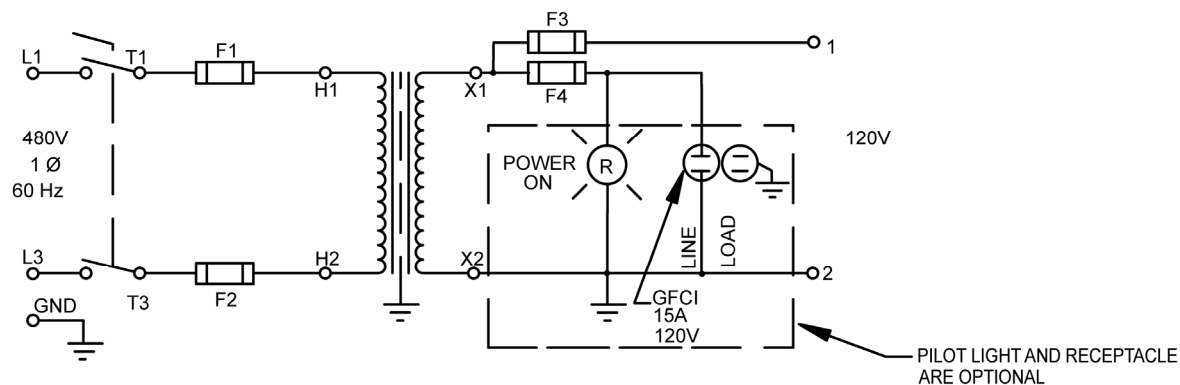
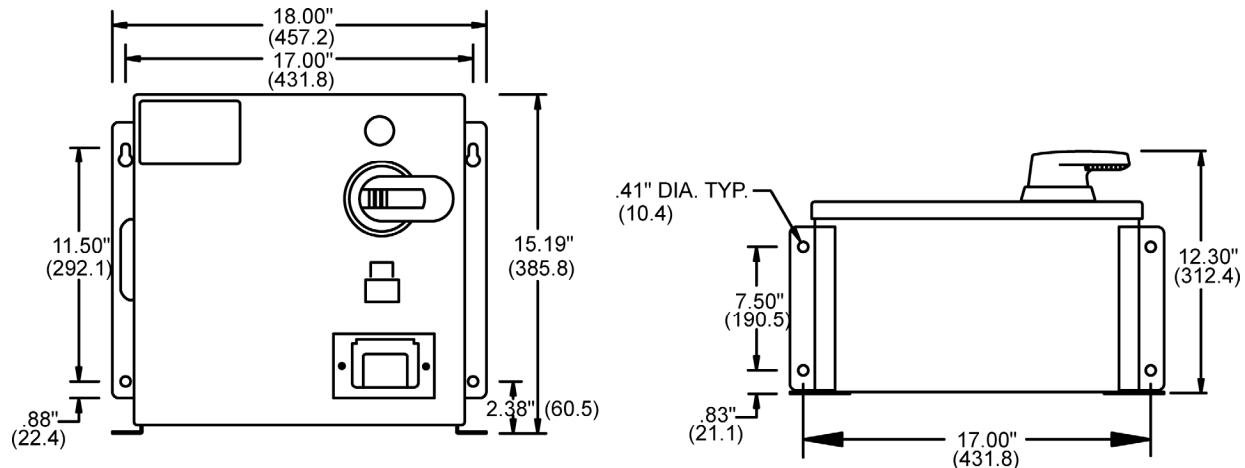
## Transformer Disconnect - NEMA 12 / IP54 GNTB Series

### General Purpose 5 and 7.5 kVA (200 kA SCCR)

The Daykin GNTB Series is a NEMA 12 / IP54 enclosed transformer disconnect with a large capacity machine tool transformer. Dual mounting capability offers flexibility.

#### Features

- Transformer rating of 5 or 7.5 kVA
- Class CC primary and RK-5 secondary fusing
- 200 kA short circuit current rating
- Enclosure seams are continuously welded
- Continuous hinged door with neoprene gasketing
- Electrostatic shielding within the transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients
- Optional power-on pilot light and/or receptacle
-  Listed



| Transformer<br>kVA Rating | Model    | Fuse Ratings<br>Amps |                 |                           |    | Approx. Weight<br>lb (kg) |
|---------------------------|----------|----------------------|-----------------|---------------------------|----|---------------------------|
|                           |          | Primary<br>F1 & F2   | Secondary<br>F3 | Secondary<br>w/Receptacle |    |                           |
|                           |          |                      |                 | F3                        | F4 |                           |
| 5.0                       | GNTB-5   | 25                   | 40              | 35                        | 6  | 125 (57)                  |
| 7.5                       | GNTB-7.5 | 30                   | 60              | 50                        | 12 | 175 (79)                  |

## Transformer Disconnect - NEMA 12 / IP54 STDAB1 Series

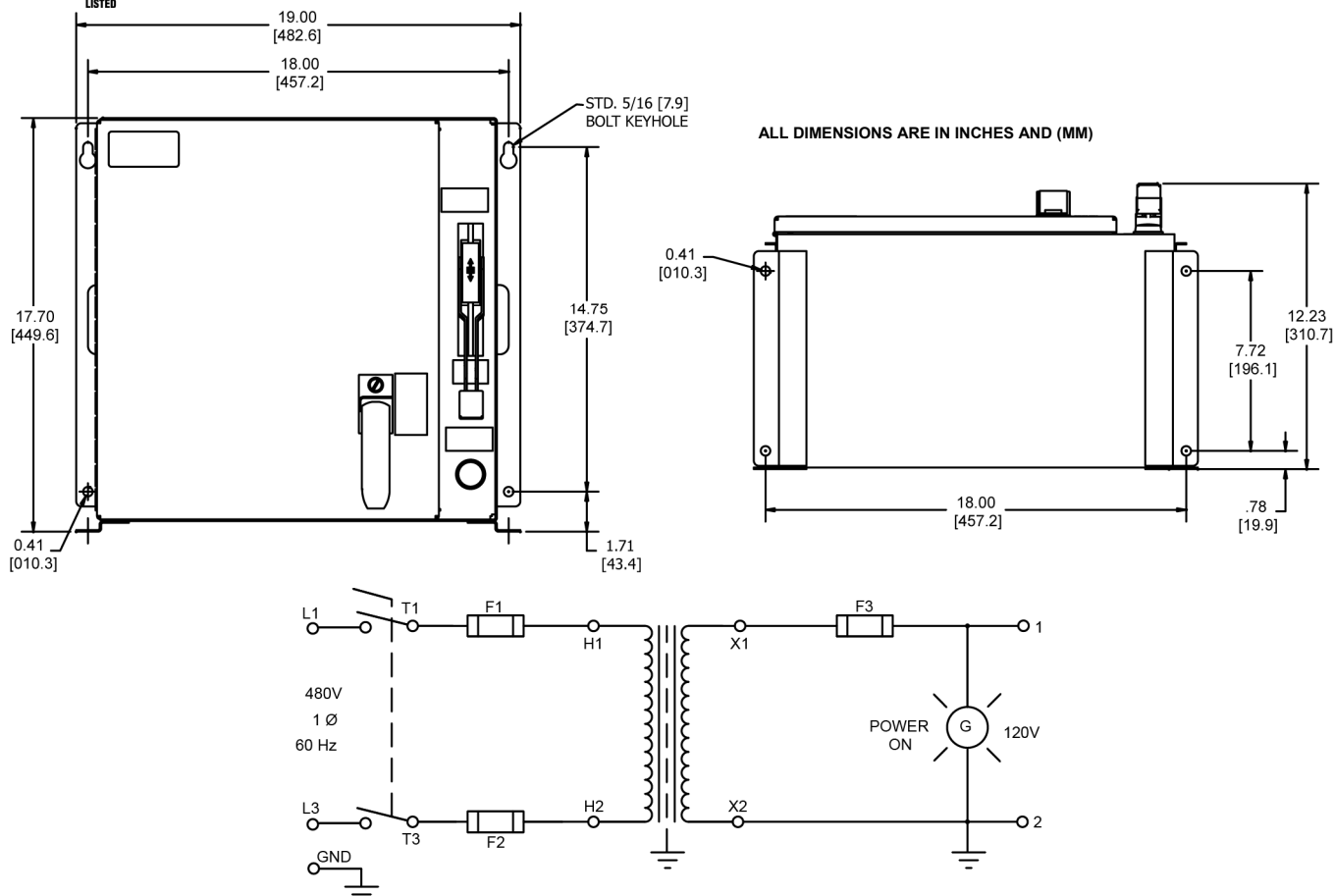
### General Purpose Flange Mounted Switch (200 kA SCCR)

The Daykin STDAB1 Series is a NEMA 12 / IP54 enclosed transformer disconnect with a flange mounted disconnect switch. This enclosure has provisions for base or side mounting. This rugged series is well suited for the industrial plant environment.

#### Features

- Transformer rating from 1 kVA through 3 kVA
- Power-on pilot light
- All overcurrent protection provided - Primary fuses Class J, Secondary fuse Class RK-5
- Flange mounted lockable disconnect switch with visible blade construction
- 200 kA short circuit current rating
- Enclosure seams are continuously welded
- Continuous hinged door with gasketing
- Electrostatic shielding within the transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients

-  Listed



| Transformer<br>kVA Rating | Model     | Fuse Ratings<br>Amps |                 | Approx. Weight<br>lb (kg) |
|---------------------------|-----------|----------------------|-----------------|---------------------------|
|                           |           | Primary<br>F1 & F2   | Secondary<br>F3 |                           |
| 1.0                       | STDAB1-05 | 5                    | 10              | 57 (26)                   |
| 1.5                       | STDAB1-03 | 8                    | 15              | 68 (31)                   |
| 2.0                       | STDAB1-01 | 10                   | 20              | 72 (33)                   |
| 3.0                       | STDAB1-15 | 15                   | 25              | 81 (37)                   |

## Transformer Disconnects

### Options Available for Transformer Disconnects

| General Options Available                                                                                            | Add Suffix |
|----------------------------------------------------------------------------------------------------------------------|------------|
| CE Certified                                                                                                         | CE         |
| Add additional fuse to secondary connection                                                                          | F          |
| Add a 115 VAC, 15 Amp GFCI receptacle with maximum feed through protection of 20 amps                                | G          |
| Add ground fault lights                                                                                              | K          |
| Omit receptacle                                                                                                      | L          |
| Substitute ungrounded secondary circuit in place of grounded circuit                                                 | N          |
| Add standard duplex receptacle                                                                                       | W          |
| Universal International Receptacle  | R1         |

| Voltage Options |                 |       |            |
|-----------------|-----------------|-------|------------|
| Primary Volts   | Secondary Volts | Hertz | Add Suffix |
| 380             | 115             | 50    | 380        |
| 400             | 115             | 50    | 400        |
| 415             | 115             | 50    | 415        |
| 380             | 230             | 50    | 3802       |
| 400             | 230             | 50    | 4002       |
| 415             | 230             | 50    | 4152       |
| 600             | 120             | 60    | 600        |