

TRANSFORMER DISCONNECTS

APFB-ABB - NEMA 1 / IP22

Low Profile Flange Mounted Switch (0.5 kVA - 3 kVA)

APFB - NEMA 1 / IP22

Low Profile (2 kVA - 3 kVA)

CVFB - NEMA 1 / IP22

Constant Voltage (1 kVA - 5 kVA)

CVFB Mounting Configurations

DTFB - NEMA 1 / IP22

Dual Transformer (1 kVA - 4 kVA)

LTFB - NEMA 1 / IP22

Low Profile (0.5 kVA - 3 kVA)

LTFS - NEMA 1 / IP22

Low Profile (0.5 kVA - 3 kVA)

GM2F1F - NEMA 1 / IP22

Modular Transformer Disconnect (1 kVA - 3 kVA)

GMDGT - NEMA 1 / IP22

Compact Transformer Disconnect (0.5 kVA - 1 kVA)

GOMDGT - NEMA 1 / IP22

Compact Transformer Disconnect (1.5 kVA - 3 kVA)

MDGT - NEMA 1 / IP22

Compact Transformer Disconnect (0.5 kVA - 1 kVA)

OMDGT - NEMA 1 / IP22

Compact Transformer Disconnect (1.5 kVA - 3 kVA)

GPFB - NEMA 12 / IP54

General Purpose (0.50 kVA - 3 kVA)

GPFS - NEMA 12 / IP54

General Purpose (0.50 kVA - 3 kVA)

GNTB - NEMA 12 / IP54

General Purpose (5 kVA - 10 kVA)

STDAB1 - NEMA 12 / IP54

General Purpose Flange Mounted Switch (1 kVA - 3 kVA)

Options Available for Transformer Disconnects



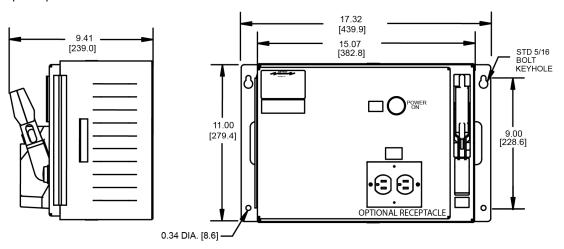
Transformer Disconnect - NEMA 1 / IP22 APFB-ABB Series

Low Profile Flange Mounted Switch (0.5 kVA - 3 kVA)

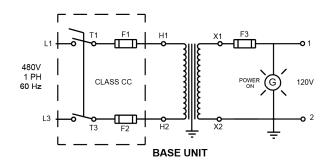
The Daykin APFB-ABB is suitable for applications ranging from 0.5kVA - 3 kVA. It features a flange mounted disconnect switch. This NEMA 1 enclosure features louvers to allow for thermal dissipation for use within relatively shallow control panel enclosures.

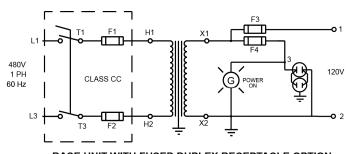
Features

- 200 kA RMS short circuit current rating
- Lockable switch in the off position with primary integral CLASS CC fuses
- Secondary fuseholders only suitable for 13/32 " x 1 1/2 " fuses
- Electrostatically shielded transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients.
- Flange mounted disconnect switch with visible blade construction, lockable in the off position with up to three (3) padlocks
- · Power-on pilot light
- Optional 15 Amp receptacle
- ເປັນ Listed



ALL DIMENSIONS ARE IN INCHES AND [MM]





BASE UNIT WITH FUSED DUPLEX RECEPTACLE OPTION

		Fuse R		
Transformer kVA Rating	Model	Primary F1 & F2	Max. Secondary F3 & F4	Approx. Weight lb (kg)
0.5	APFB-ABB-0.5	3	6	60 (27)
1.0	APFB-ABB-1	6	12	65 (29)
2.0	APFB-ABB-2	12	25	78 (35)
3.0	APFB-ABB-3	20	30	93 (42)



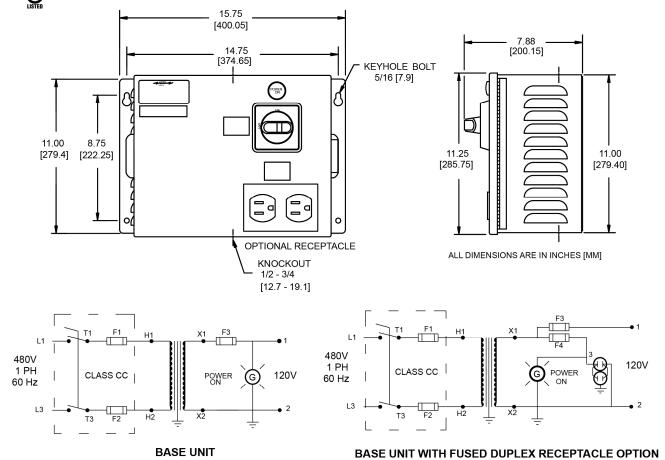
Transformer Disconnect - NEMA 1 / IP22 APFB Series

Low Profile (2 kVA - 3 kVA)

The Daykin APFB Series is suitable for use on circuits capable of delivering 200,000 A RMS symmetrical short circuit current to meet the most stringent Canadian and USA requirements. This NEMA 1 enclosed assembly features an overall depth of 7.88 " for use within relatively shallow control panel enclosures.

Features

- · 200kA RMS short circuit current rating
- · Lockable switch in the off position with primary integral CLASS CC fuses
- Secondary fuseholders only suitable for 13/32 " x 1 1/2 " fuses
- · Electrostatically shielded transformers
- An overall depth of 7.88 " for use with relatively shallow control panel enclosures
- · Power-on pilot light
- · Optional 15 Amp receptacle
- ເ**ປັນ**us Listed



		Fuse F		
Transformer kVA Rating	Model	Primary F1 & F2	Max. Secondary F3 & F4	Approx. Weight lb (kg)
2.0	APFB-2	12	25	53 (24)
3.0	APFB-3	20	30	80 (36)



Transformer Disconnect - NEMA 1 / IP22 CVFB Series

Constant Voltage (1 kVA - 5 kVA)

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.

Features

- · 200 kA RMS short circuit current rating
- Lockable switch in the off position with primary integral CLASS CC fuses
- Secondary fuseholders only suitable for 13/32 "x 1 1/2" fuses
- Voltage regulation
- Surge and noise suppression
- Power-on pilot light
- 15 Amp GFCI receptacle

Specifications

Input: 408-552 Volts, 480 Volts nominal, single

phase 60 Hz

Output: Regulated 120V ±3% for an input range

of 480V ±15%

Unregulated 120V Auxiliary

_	Four flevible mounting configurations		SCH	HEMATIC	
•	Four flexible mounting configurations Listed				\neg
				F3	-⊘ 1 REGULATED 120 VOLT OUTPUT
		' 	X2 H	+	-0 2
	GND Ø		C1	5 4	\neg
	480 VAC PRIMAR'		хз	F5 J	AUXILIARY 120 VOLT OUTPUT
	480 VAC PRIMAR' 60 HZ FUSING INPUT L ¹³ PF2	H2	X4		

	Separate	Regulated	Primary		dimum Ary Current	
Model CVFB	Auxiliary kVA	Auxiliary kVA	Amps F1 & F2	Auxiliary	Regulated	Approx. Wt. lb (kg)
CVFB*-0707	0.5	0.5	6	6	6	120 (54)
CVFB*-0507	1.0	0.5	10	12	6	132 (60)
CVFB*-0705	0.5	1.0	10	6	12	132 (60)
CVFB*-0505	1.0	1.0	12	12	12	165 (75)
CVFB*-0701	0.5	2.0	15	6	25	176 (80)
CVFB*-0501	1.0	2.0	20	12	25	177 (80)
CVFB*-0515	1.0	3.0	25	12	30	197 (89)
CVFB*-0301	1.5	2.0	20	20	25	200 (91)
CVFB*-0101	2.0	2.0	25	25	25	210 (95)
CVFB*-1501	3.0	2.0	30	30	25	215 (98)

*Select mounting configuration letter when ordering.

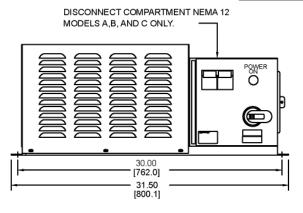
- A Top Mount
- B Side Mount
- C Front Mount
- D Modular Mount

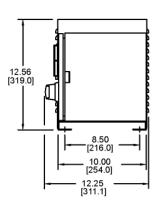
Note: Model D - shipped in two separate enclosures, requires customer to interconnect. Dashed area indicates transformer and capacitor section.

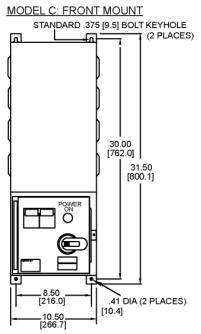


Mounting Configurations

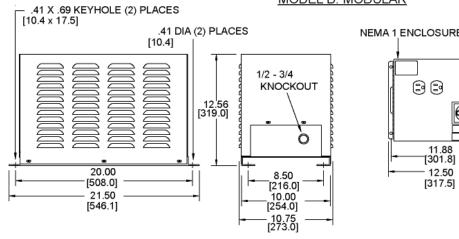
MODEL A: TOP MOUNT

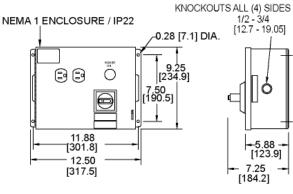






MODEL D: MODULAR





ALL DIMENSIONS ARE IN INCHES AND (MM)



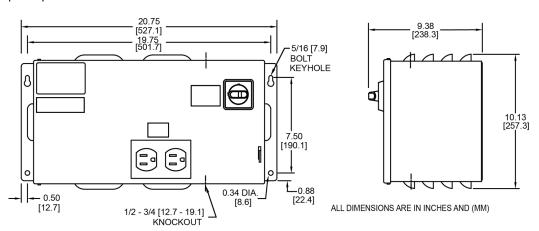
Transformer Disconnect - NEMA 1 / IP22 DTFB Series

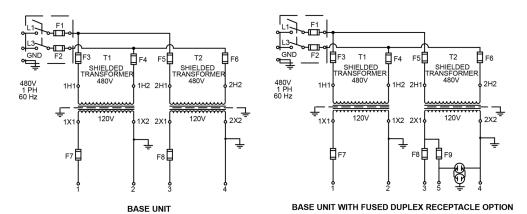
Dual Transformer (1 kVA - 4 kVA)

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

- 200 kA RMS short circuit current rating
- · Lockable switch in the off position with primary integral CLASS CC fuses
- Secondary fuseholders only suitable for 13/32 " x 1 1/2 " fuses
- Electrostatically shielded transformers
- Two independent outputs
- Wide range of transformer ratings
- Optional 15 Amp receptacle
- Listed





				Fuse f				
T1	T2		Primary		Max. Seco	ondary	/	Approx Woight
kVA	kVA	Model	F1 & F2	F3 & F4	F5 & F6	F7	F8 & F9	Approx. Weight lb (kg)
0.5	0.5	DTFB-0707	6	2	2	6	6	53 (24)
1.0	0.5	DTFB-0507	10	5	2	12	6	80 (36)
1.0	1.0	DTFB-0505	12	5	5	12	12	80 (36)
1.0	2.0	DTFB-0501	20	5	10	12	25	53 (24)
1.0	3.0	DTFB-0515	25	5	15	12	30	80 (36)



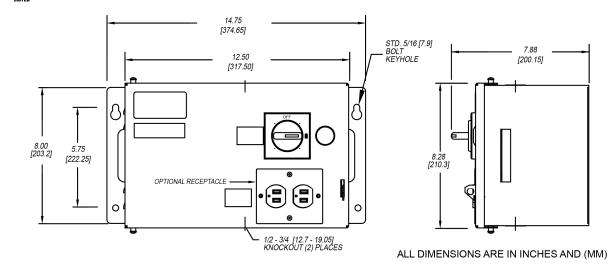
Transformer Disconnect - NEMA 1 / IP22 LTFB Series

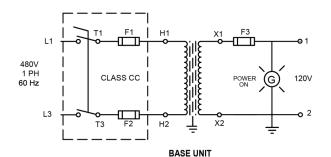
Low Profile (0.5 kVA - 3 kVA)

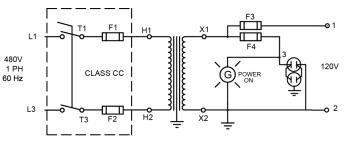
The Daykin LTFB Series is based on the original Daykin transformer disconnect and features a low profile design. The enclosure is less than 8" (203.2 mm) in depth. This series is available from 0.50 kVA through 2 kVA. All transformers are electrostatically shielded. This series is utilized for a wide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

Features

- 200 kA RMS short circuit current rating
- Lockable switch in the off position with primary integral CLASS CC fuses
- Secondary fuseholders only suitable for 13/32 " x 1 1/2 " fuses
- Electrostatically shielded transformers
- An overall depth of 7.88 " for use within relatively shallow control panel enclosures
- Power-on pilot light
- Optional 15 Amp receptacle
- ເພີ່ມs Listed







BASE UNIT WITH FUSED RECEPTACLE OPTION

		Fuse R	ating/Amps	
Transformer kVA Rating	Model	Primary F1 & F2	Max. Secondary F3 & F4	Approx. Weight lb (kg)
0.5	LTFB-0.5	3	6	29 (13)
1.0	LTFB-1	6	12	35 (16)
1.5	LTFB-1.5	10	20	42 (18)
2.0	LTFB-2	12	25	51 (23)
3.0	LTFB-3	20	30	80 (36)



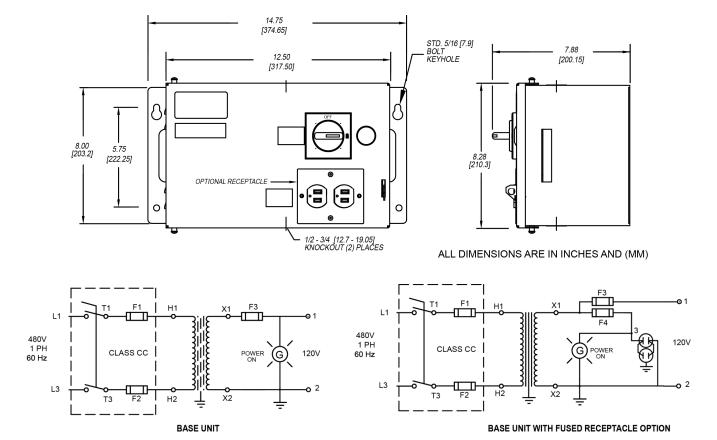
Transformer Disconnect - NEMA 1 / IP22 LTFS Series

Low Profile (0.5 kVA - 3 kVA)

The Daykin LTFS 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

- 5 kA RMS short circuit current rating
- · Lockable switch in the off position with primary CLASS CC fuses
- Secondary fuseholders only suitable for 13/32 " x 1 1/2 " fuses
- Electrostatically shielded transformers
- An overall depth of 7.88 " for use within relatively shallow control panel enclosures
- Power-on pilot light
- Optional 15 Amp receptacle



		Fuse R	ating/Amps	
Transformer kVA Rating	Model	Primary F1 & F2	Max. Secondary F3 & F4	Approx. Weight lb (kg)
0.5	LTFS-0.5	3	6	29 (13)
1.0	LTFS-1	6	12	35 (16)
1.5	LTFS-1.5	10	20	42 (18)
2.0	LTFS-2	12	25	51 (23)
3.0	LTFS-3	20	30	80 (36)



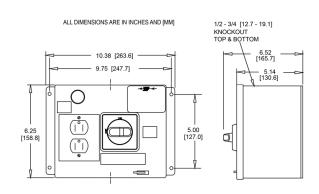
Transformer Disconnect - NEMA 1 / IP22 GM2F1F Series

Modular Transformer Disconnect (1 kVA - 3 kVA)

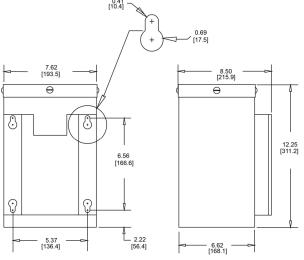
The Daykin GM2F1F Series is modular in construction. This transformer disconnect is a two component system. The transformer compartment is epoxy encapsulated, enclosed and designed to mount on the outside of the control panel. The disconnect compartment accommodates the switch and all overcurrent protection. 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

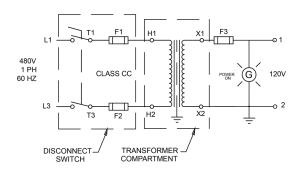
- · 200 kA RMS short circuit rating
- Lockable switch in the off position with primary integral CLASS CC fuses
- Secondary fuseholders only suitable for 13/32 " x 1 1/2 " fuses
- · Electrostatically shielded transformers
- Power-on pilot light
- Optional 15 Amp receptacle
- ເພື່ອ us Listed



DISCONNECT COMPARTMENT



TRANSFORMER COMPARTMENT



480V 1 PH 60 HZ

DISCONNECT TRANSFORMER COMPARTMENT

TRANSFORMER COMPARTMENT

BASE UNIT

BASE UNIT WITH FUSED DUPLEX RECEPTACLE OPTION

		Fuse	Rating/Amps	
Transformer kVA Rating	Model	Primary F1 & F2	Max. Secondary F3 & F4	Approx. Weight lb (kg)
1.0	GM2F1F-1	6	12	39 (18)
1.5	GM2F1F-1.5	10	20	59 (27)
2.0	GM2F1F-2	12	25	78 (35)
3.0	GM2F1F-3	20	30	91 (41)



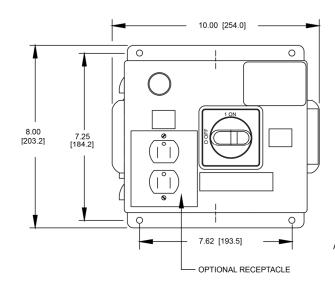
Transformer Disconnect - NEMA 1 / IP22 GMDGT Series

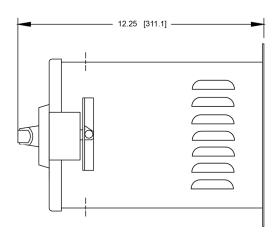
Compact Transformer Disconnect (0.5 kVA - 1 kVA)

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.

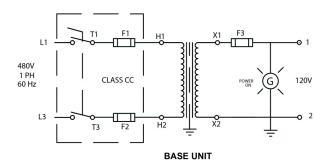
Features

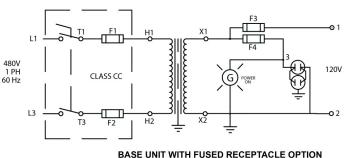
- · 200 kA RMS short circuit current rating
- · Lockable switch in the off position with primary integral CLASS CC fuses
- Secondary fuseholders only suitable for 13/32 " x 1 1/2 " fuses
- Electrostatically shielded transformers
- · Power-on pilot light
- Optional 15 Amp receptacle
- ເປັນ Listed





ALL DIMENSIONS ARE IN INCHES AND [MM]





BASE UNIT WITH FUSED RECEPTABLE OPTION

		Fuse	Rating/Amps	
Transformer kVA Rating	Model	Primary Max. Secondary F1 & F2 F3 & F4		Approx. Weight lb (kg)
0.5	GMDGT-0.5	3 6		31 (14)
1.0	GMDGT-1	6	12	39 (18)



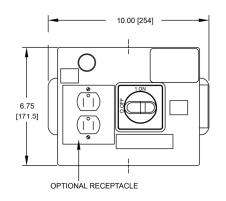
Transformer Disconnect - NEMA 1 / IP22 GOMDGT Series

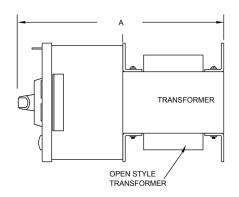
Compact Transformer Disconnect (1.5 kVA - 3 kVA)

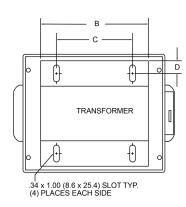
The GOMDGT Series is suitable for use on circuits capable of delivering up to 200,000 amps RMS symmetrical short circuit current to meet the most stringent Canadian and UL 508A requirements. This series offers a NEMA 1 / IP22 enclosed disconnect with a choice of three large open transformers, while maintaining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

Features

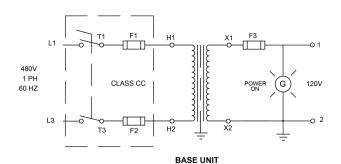
- · 200 kA RMS short circuit current rating
- Lockable switch in the off position with primary integral CLASS CC fuses
- Secondary fuseholders only suitable for 13/32 " x 1 1/2 " fuses
- · Electrostatically shielded transformers
- Open style transformer for maximum thermal dissipation
- Variable mounting dimensions
- · Power-on pilot light
- · Optional 15 Amp receptacle
- Listed

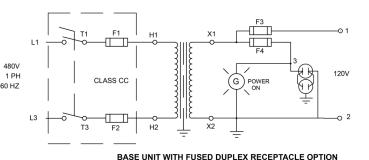






ALL DIMENSIONS ARE IN INCHES AND [MM]





Fuse Rating/Amps Dimensions are in inches and (mm) Transformer **Primary** Max. Secondary Approx. Weight kVA Rating F1 & F2 F3 & F4 В С D Model Α lb (kg) 11.77 6.38 4.50 .69 1.5 GOMDGT-1.5 10 20 38 (17) (299)(162)(114)(17.5)6.38 11.77 4.50 .69 GOMDGT-2 2.0 12 25 39 (18) (299)(162)(114)(17.5)12.71 7.50 **GOMDGT-3** 20 3.0 30 55 (25) (323)(191)(140)(22.9)



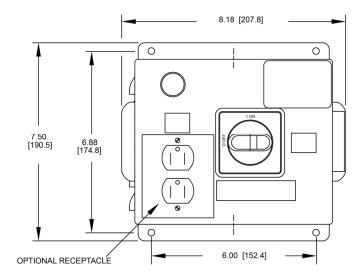
Transformer Disconnect - NEMA 1 / IP22 MDGT Series

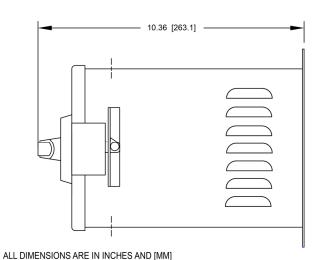
Compact Transformer Disconnect (0.5 kVA - 1 kVA)

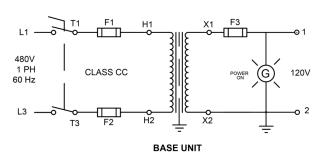
The Daykin MDGT Series is a NEMA 1 enclosed transformer disconnect with a small footprint for use where backplate space is at a premium.

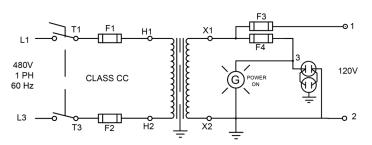
Features

- 5 kA RMS short circuit current rating
- Lockable switch in the off position with primary CLASS CC fuses
- Secondary fuseholders only suitable for 13/32 " x 1 1/2 " fuses
- Electrostatically shielded 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
- Optional 15 Amp receptacle
- · Economical version of GMDGT family









BASE UNIT WITH FUSED DUPLEX RECEPTACLE OPTION

		Fuse	Rating/Amps	
Transformer kVA Rating	Model	Primary Max. Secondary F1 & F2 F3 & F4		Approx. Weight lb (kg)
0.5	MDGT-0.5	3	6	24 (11)
1.0	MDGT-1	6	12	29 (13)



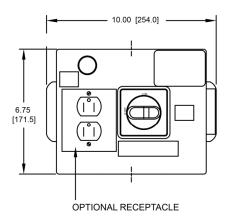
Transformer Disconnect - NEMA 1 / IP22 OMDGT Series

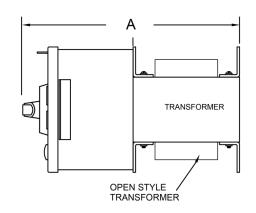
Compact Transformer Disconnect (1.5 kVA - 3 kVA)

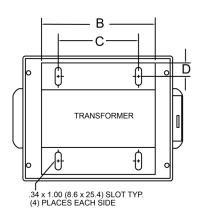
The Daykin OMDGT Series offers a NEMA 1 enclosed disconnect with a choice of three large open transformers. This series provides greater power while still maintaining the smallest possible footprint.

Features

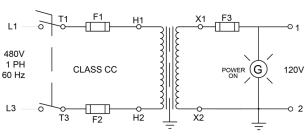
- 5 kA RMS Short Circuit current rating
- Lockable switch in the off position with primary CLASS CC fuses
- Secondary fuseholders only suitable for 13/32 " x 1 1/2 " fuses
- Electrostatically shielded transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients
- Open style transformer for maximum thermal dissipation
- Power-on pilot light
- Optional 15 Amp receptacle
- Economical version of GOMDGT family



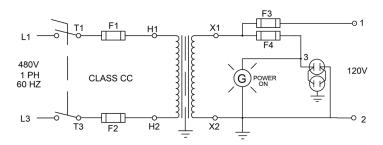




ALL DIMENSIONS ARE IN INCHES AND [MM]







BASE UNIT WITH FUSED DUPLEX RECEPTACLE OPTION

		Fuse	Rating/Amps	Dimensions are in inches and (mm)				
Transformer kVA Rating	Model	Primary F1 & F2	Max. Secondary F3 & F4	Α	В	С	D	Approx. Weight lb (kg)
1.5	OMDGT-1.5	10	20	11.77 (299)	6.38 (162)	4.50 (114)	.69 (17.5)	38 (17)
2.0	OMDGT-2	12	25	11.77 (299)	6.38 (162)	4.50 (114)	.69 (17.5)	39 (18)
3.0	OMDGT-3	20	30	12.71 (323)	7.50 (191)	5.50 (140)	.90 (22.9)	55 (25)



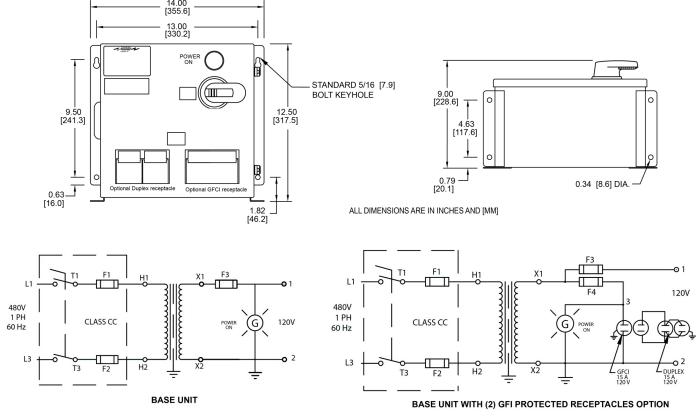
Transformer Disconnect - NEMA 12 / IP54 GPFB Series

General Purpose (0.50 kVA - 3 kVA)

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

- · 200 kA RMS short circuit current rating
- Lockable switch in the off position with primary integral CLASS CC fuses
- Secondary fuseholders only suitable for 13/32 " x 1 1/2 " fuses
- Electrostatically shielded transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients
- · Continuous hinged door with neophene gasketing and enclosure seams continuously welded
- · Power-on pilot light
- Optional covered GFCI protected receptacles
- Listed



		Fuse	Rating/Am		
Transformer		Primary	Max. Se	condary	Approx. Weight
kVA Rating	Model	F1 & F2	F3 F4		lb (kg)
0.5	GPFB-0.5	3	6		39 (18)
1.0	GPFB-1	6	12	7	44 (20)
1.5	GPFB-1.5	10	20	8	56 (25)
2.0	GPFB-2	12	25	10	60 (27)
3.0	GPFB-3	20	30	15	66 (30)



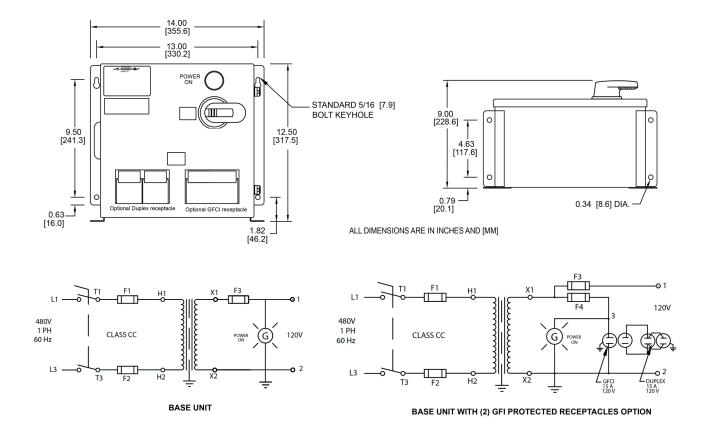
Transformer Disconnect - NEMA 12 / IP54 GPFS Series

General Purpose (0.50 kVA - 3 kVA)

The Daykin GPFS 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

- 5 kA RMS short circuit current rating
- · Lockable switch in the off position with primary CLASS CC fuses
- Secondary fuseholders only suitable for 13/32 " x 1 1/2 " fuses
- Electrostatically shielded transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients
- · Continuous hinged door with neophene gasketing and enclosure seams continuously welded
- · Power-on pilot light
- Optional covered GFCI protected receptacles



		Fuse Rating/Amps			
Transformer		Primary	Max. Secondary		Approx. Weight
kVA Rating	Model	F1 & F2	F3	F4	lb (kg)
0.5	GPFS-0.5	3	6		39 (18)
1.0	GPFS-1	6	12	7	44 (20)
1.5	GPFS-1.5	10	20	8	56 (25)
2.0	GPFS-2	12	25	10	60 (27)
3.0	GPFS-3	20	30	15	66 (30)



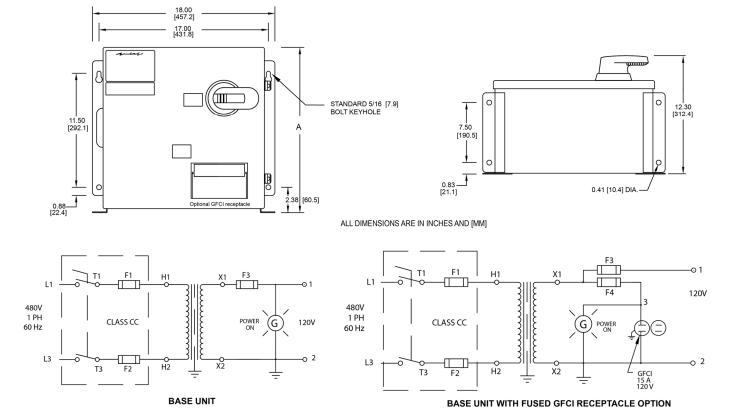
Transformer Disconnect - NEMA 12 / IP54 GNTB Series

General Purpose (5 kVA - 10 kVA)

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

- · 200 kA RMS short circuit current rating
- Lockable switch in the off position with primary integral CLASS CC fuses
- Secondary fuseholders only suitable for CLASS RK5 fuses
- Electrostatically shielded transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients
- Flange mounted lockable disconnect switch with visible blade construction
- · Continuous hinged door with neophene gasketing and enclosure seams continuously welded
- Power-on pilot light
- Optional 15 Amp GFCI receptacle with cover
- Listed



		Fuse Rating/Amps			
Transformer kVA Rating	Model	Primary F1 & F2	Max. Secondary F3 & F4	Dimensions A in inches and (mm)	Approx. Weight lb (kg)
5.0	GNTB-5	20	60	15.19 (386)	125 (57)
7.5	GNTB-7.5	25	80	15.19 (386)	175 (79)
10.0	GNTB-10	30	100	18.69 (475)	200 (91)



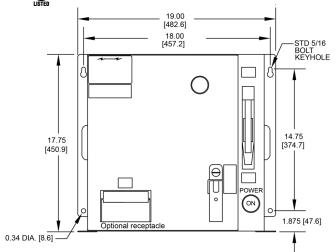
Transformer Disconnect - NEMA 12 / IP54 STDAB1 Series

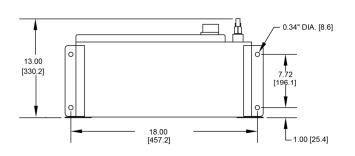
General Purpose Flange Mounted Switch (1 kVA - 3 kVA)

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.

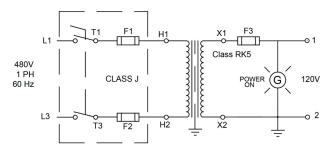
Features

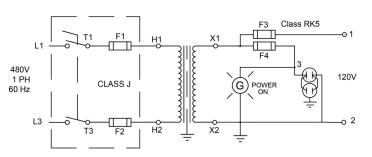
- · 200 kA RMS short circuit current rating
- Lockable switch in the off position with primary integral CLASS J fuses
- Secondary fuseholders only suitable for CLASS RK5 fuses
- Electrostatically shielded transformer provides positive protection against short circuits from the primary to the secondary, as well as attenuating high frequency noise and transients
- · Flange mounted lockable disconnect switch with visible blade construction
- · Continuous hinged door with neophene gasketing and enclosure seams continuously welded
- · Power-on pilot light
- Optional 15 Amp GFCI receptacle with cover
- ւ**ա**ստ Listed





ALL DIMENSIONS ARE IN INCHES AND [MM]





BASE UNIT

BASE UNIT WITH FUSED GFCI RECEPTACLE OPTION

		Fuse	Rating/Amps	
Transformer kVA Rating	Model	Primary F1 & F2	Max. Secondary F3 & F4	Approx. Weight lb (kg)
1.0	STDAB1-1	6	12	57 (26)
1.5	STDAB1-1.5	10	20	68 (31)
2.0	STDAB1-2	12	25	72 (33)
3.0	STDAB1-3	20	30	81 (37)



Transformer Disconnects

Options Available for Transformer Disconnects

General Options Available	Add Suffix
Standard duplex receptacle (with fuseholder only)	D
Secondary fuses provided	F
GFCI receptacle provided (with fuseholder only)	G
GFCI breaker to protect entire load LINE POWER LOAD POWER LINE NEUTRAL LOAD NEUTRAL	В
European "Shuko" style receptacle 2P, 3W, 250V (with fuseholder only)	М
Universal receptacle provided (with fuseholder only)	R1
No pilot light (pilot light is provided by default)	N
CE Certified	CE
Additional secondary fuseholder	A
3 primary fuses provided (2 provided by default)	Р

Voltage Options				
Primary Volts	Secondary Volts	Hertz	Add Suffix	
380	115	50	380	
400	115	50	400	
415	115	50	415	
600	120	50	600	
380	220	50	3802	
400	220	50	4002	
415	220	50	4152	
480/380	120	50	431	
480/380	220	50	432	