

Three-Phase, Type MD, 60 Hz



Type MD

Product Description

- Suitable for indoor or outdoor applications (with weathershield).
- Ventilated enclosures.
- 220°C Insulation system, 150°C Rise standard (self extinguishing).
- Available in ratings from 7.5 through 1500 kVA.

Application Description

Drive isolation transformers are specifically designed for use with ac and dc adjustable speed drives. Two winding drive isolation transformers provide:

- Electrical isolation between the incoming line and the drive circuitry.
- Voltage conversion of input line to standard drive input voltages.
- Minimized line disturbances caused by SCR (silicon controlled rectifiers) firing.
- Reduced short circuit currents and voltage line transients.

Drive isolation transformers are specifically sized to the drive kVA requirements and are braced to withstand the mechanical stresses of current reversals and short circuits associated with SCR drives.

Features, Benefits and Functions

- UL listed.
- 60 Hz operation (50/60 Hz operation available).
- Short-term overload capability as required by ANSI.
- Primary and secondary terminals are front accessible for fast and easy connection.
- Slotted screw mounting holes in enclosure and cover reduce installation time.
- Sound dampening pads, which isolate the core and coil from the case, reduce noise levels to meet NEMA ST-20.
- Core laminations of precision sheared grain oriented silicon steel are hand stacked to insure quiet operation.
- Terminations are clearly marked for easy identification.
- Three-phase transformers have one 5% full capacity tap above and below nominal voltage for incoming source adjustment.
- Units are suitable for continuous operation in a 40°C ambient maximum.
- Full current neutral.
- Thermoguard protection embedded in coils to indicate that high temperatures (approximately 190°C) are present.
- Three coil delta-wye configurations are used throughout the product line.

Standards and Certifications

- ANSI C89.2
- NEMA ST-20
- UL 506
- UL 1561

Seismic Qualified

All Cutler-Hammer manufactured dry-type distribution transformers by Eaton Corporation are seismically qualified, and exceed requirements of the Uniform Building Code (UBC) and California Code Title 24.

Options and Accessories

- Copper windings.
- Non-standard voltages.
- 50/60 Hz designs.
- Delta-delta configuration.
- 80°C or 115°C rise designs.
- Totally enclosed non-ventilated.
- Electrostatic shields.

Please refer to **Page 9-120**.

Product Specifications

Frequency

Cutler-Hammer standard dry-type distribution transformers are designed for 60 Hz operation. Transformers required for other frequencies are available and must be specifically designed.

Overload Capability

Short-term overload is designed into transformers as required by ANSI. dry-type distribution transformers will deliver 200% nameplate load for one-half hour; 150% load for one-hour; and 125% load for four-hours without being damaged provided that a constant 50% load precedes and follows the overload. See ANSI C57.96-01.250 for additional limitations.

Continuous overload capacity is not deliberately designed into a transformer because the design objective is to be within the allowed winding temperature rise with nameplate loading.

Insulation System and Temperature Rise

Industry standards classify insulation systems and rise as shown below:

Table 9-55. Insulation System Classification

Ambient	+ Winding Rise	+ Hot Spot	= Temp. Class
40°C	55°C	10°C	105°C
40°C	80°C	30°C	150°C
40°C	115°C	30°C	185°C
40°C	150°C	30°C	220°C

The design life of transformers having different insulation systems is the same — the lower temperature systems are designed for the same life as the higher temperature systems.

November 2003
Vol. 1, Ref. No. [0351]

Three-Phase

Enclosures

Eaton’s Cutler-Hammer ventilated transformers, Type MD, utilize a NEMA 2 rated (drip-proof) enclosure as standard, and are rated NEMA 3R with the addition of weathershields.

Sound Levels

All Cutler-Hammer 600 volt class general purpose dry-type distribution transformers are designed to meet NEMA ST-20 sound levels listed here. These are the sound levels measured in a soundproof environment. Actual sound levels measured at an installation will likely be higher due to electrical connections and environmental conditions. Lower sound levels are available and should be specified when the transformer is going to be installed in an area where sound may be a concern.

Table 9-56. Average Sound Levels

NEMA ST-20 Average Sound Level (dB)		
kVA	Ventilated	Encapsulated
0 – 9	40	45
10 – 50	45	50
51 – 150	50	55
151 – 300	55	57
301 – 500	60	59
501 – 700	62	61
701 – 1000	64	63
1001 – 1500	65	64

Winding Terminations

Primary and secondary windings are terminated in the wiring compartment. Ventilating transformers have leads brought out to aluminum pads that are pre-drilled to accept Cu/Al lugs. **Lugs are not supplied with these transformers.** The Cutler-Hammer business recommends external cables be rated 75°C for ventilated designs.

Technical Data and Specifications

Please refer to **Page 9-122.**

Three-Phase

Product Selection

Additional Product Selection information begins on **Page 9-136**.

Table 9-57. Drive Isolation Transformers

Hp	kVA	Full Cap. Taps		Type	°C Temp. Rise	Dimensions (Inches)			Wt. Lbs.	Dimensions (mm)			Wt. kg	Frame	Wiring Diagram Number	Weathershield		Style Number	Price U.S. \$
		FCAN	FCBN			H	W	D		H	W	D				Catalog Number	Price U.S. \$		
208 Δ Volts to 230Y/133 Volts																			
5	7.5	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286L	WS31	350.	MD075E85	1,400.
7.5	11	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286L	WS31	350.	MD11E85	1,450.
10	14	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286L	WS31	350.	MD14E85	1,550.
15	20	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286L	WS31	350.	MD20E85	1,920.
20	27	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286L	WS31	350.	MD27E85	2,195.
25	34	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286L	WS31	350.	MD34E85	2,430.
30	40	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286L	WS31	350.	MD40E85	2,800.
40	51	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286L	WS33	350.	MD51E85	3,165.
50	63	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286L	WS33	350.	MD63E85	3,580.
60	75	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286L	WS33	350.	MD75E85	3,875.
75	93	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	600	1000	663	485	272	FR915B	286L	WS33	350.	MD93E85	4,650.
100	118	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286L	WS19	350.	MD118E85	5,440.
125	145	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286L	WS19	350.	MD145E85	6,350.
150	175	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1100	1422	793	616	499	FR917	286L	WS34	800.	MD175E85	8,030.
200	220	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1200	1422	793	616	499	FR917	286L	WS34	800.	MD220E85	9,300.
250	275	1@+5%	1@-5%	DT-3	150	62-1/4	31-1/4	30-1/4	1600	1581	794	768	728	FR918A	286L	WS34	800.	MD275E85	10,880.
300	330	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2200	1905	1130	914	1000	FR919	①	WS35	1,360.	MD330E85	12,925.
208 Δ Volts to 460Y/266 Volts																			
5	7.5	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286L	WS31	350.	MD075E86	1,400.
7.5	11	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286L	WS31	350.	MD11E86	1,450.
10	14	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286L	WS31	350.	MD14E86	1,550.
15	20	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286L	WS31	350.	MD20E86	1,920.
20	27	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286L	WS31	350.	MD27E86	2,195.
25	34	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286L	WS31	350.	MD34E86	2,430.
30	40	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286L	WS31	350.	MD40E86	2,800.
40	51	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286L	WS33	350.	MD51E86	3,165.
50	63	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286L	WS33	350.	MD63E86	3,580.
60	75	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286L	WS33	350.	MD75E86	3,875.
75	93	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	600	1000	663	485	272	FR915B	286L	WS33	350.	MD93E86	4,650.
100	118	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286L	WS19	350.	MD118E86	5,440.
125	145	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286L	WS19	350.	MD145E86	6,350.
150	175	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1100	1422	793	616	499	FR917	286L	WS34	800.	MD175E86	8,030.
200	220	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1200	1422	793	616	499	FR917	286L	WS34	800.	MD220E86	9,300.
250	275	1@+5%	1@-5%	DT-3	150	62-1/4	31-1/4	30-1/4	1600	1581	794	768	728	FR918A	286L	WS34	800.	MD275E86	10,880.
300	330	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2200	1905	1130	914	1000	FR919	①	WS35	1,360.	MD330E86	12,925.
230 Δ Volts to 230Y/133 Volts																			
5	7.5	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286A	WS31	350.	MD075E88	1,400.
7.5	11	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286A	WS31	350.	MD11E88	1,450.
10	14	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286A	WS31	350.	MD14E88	1,550.
15	20	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286A	WS31	350.	MD20E88	1,920.
20	27	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286A	WS31	350.	MD27E88	2,195.
25	34	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286A	WS31	350.	MD34E88	2,430.
30	40	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286A	WS31	350.	MD40E88	2,800.
40	51	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286A	WS33	350.	MD51E88	3,165.
50	63	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286A	WS33	350.	MD63E88	3,580.
60	75	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286A	WS33	350.	MD75E88	3,875.
75	93	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	600	1000	663	485	272	FR915B	286A	WS33	350.	MD93E88	4,650.
100	118	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286A	WS19	350.	MD118E88	5,440.
125	145	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286A	WS19	350.	MD145E88	6,350.
150	175	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1100	1422	793	616	499	FR917	286A	WS34	800.	MD175E88	8,030.
200	220	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1200	1422	793	616	499	FR917	286A	WS34	800.	MD220E88	9,300.
250	275	1@+5%	1@-5%	DT-3	150	62-1/4	31-1/4	30-1/4	1600	1581	794	768	728	FR918A	286A	WS34	800.	MD275E88	10,880.
300	330	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2200	1905	1130	914	1000	FR919	①	WS35	1,360.	MD330E88	12,925.
400	440	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD440E88 ②	18,900.
500	550	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD550E88 ②	22,800.
600	660	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD660E88 ②	27,600.
700	770	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD770E88 ②	34,400.
800	880	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD880E88 ②	39,300.

① Refer to your Cutler-Hammer sales office.

② Not Seismic Qualified.

Note: Contact your local Cutler-Hammer sales office for CE Mark transformer requirements.

For other ratings or styles not shown, or for special enclosure types (including stainless steel) refer to Eaton's Cutler-Hammer business.

Discount Symbol DT-1

Table 9-58. Drive Isolation Transformers

Hp	kVA	Full Cap. Taps		Type	°C Temp. Rise	Dimensions (Inches)			Wt. Lbs.	Dimensions (mm)			Wt. kg	Frame	Wiring Diagram Number	Weathershield		Style Number	Price U.S. \$
		FCAN	FCBN			H	W	D		H	W	D				Catalog Number	Price U.S. \$		
230 Δ Volts to 460Y/266 Volts																			
5	7.5	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286A	WS31	350.	MD075E89	1,400.
7.5	11	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286A	WS31	350.	MD11E89	1,450.
10	14	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286A	WS31	350.	MD14E89	1,550.
15	20	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286A	WS31	350.	MD20E89	1,920.
20	27	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286A	WS31	350.	MD27E89	2,195.
25	34	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286A	WS31	350.	MD34E89	2,430.
30	40	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286A	WS31	350.	MD40E89	2,800.
40	51	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286A	WS33	350.	MD51E89	3,165.
50	63	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286A	WS33	350.	MD63E89	3,580.
60	75	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286A	WS33	350.	MD75E89	3,875.
75	93	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	600	1000	663	485	272	FR915B	286A	WS33	350.	MD93E89	4,650.
100	118	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286A	WS33	350.	MD118E89	5,440.
125	145	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286A	WS19	350.	MD145E89	6,350.
150	175	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1100	1422	793	616	499	FR917	286A	WS34	800.	MD175E89	8,030.
200	220	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1200	1422	793	616	499	FR917	286A	WS34	800.	MD220E89	9,300.
250	275	1@+5%	1@-5%	DT-3	150	62-1/4	31-1/4	30-1/4	1600	1581	794	768	728	FR918A	286A	WS34	800.	MD275E89	10,880.
300	330	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2200	1905	1130	914	1000	FR919	321A	WS35	1,360.	MD330E89	12,925.
400	440	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD440E89 ②	18,900.
500	550	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD550E89 ②	22,800.
600	660	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD660E89 ②	27,600.
700	770	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD770E89 ②	34,400.
800	880	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD880E89 ②	39,300.
230 Δ Volts to 575Y/332 Volts																			
5	7.5	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286A	WS31	350.	MD075E90	1,400.
7.5	11	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286A	WS31	350.	MD11E90	1,450.
10	14	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286A	WS31	350.	MD14E90	1,550.
15	20	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286A	WS31	350.	MD20E90	1,920.
20	27	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286A	WS31	350.	MD27E90	2,195.
25	34	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286A	WS31	350.	MD34E90	2,430.
30	40	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286A	WS31	350.	MD40E90	2,800.
40	51	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286A	WS33	350.	MD51E90	3,165.
50	63	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286A	WS33	350.	MD63E90	3,580.
60	75	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286A	WS33	350.	MD75E90	3,875.
75	93	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	600	1000	663	485	272	FR915B	286A	WS33	350.	MD93E90	4,650.
100	118	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286A	WS19	350.	MD118E90	5,440.
125	145	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286A	WS19	350.	MD145E90	6,350.
150	175	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1100	1422	793	616	499	FR917	286A	WS34	800.	MD175E90	8,030.
200	220	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1200	1422	793	616	499	FR917	286A	WS34	800.	MD220E90	9,300.
250	275	1@+5%	1@-5%	DT-3	150	62-1/4	31-1/4	30-1/4	1600	1581	794	768	728	FR918A	286A	WS34	800.	MD275E90	10,880.
300	330	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2200	1905	1130	914	1000	FR919	①	WS35	1,360.	MD330E90	12,925.
400	440	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD440E90 ②	18,900.
500	550	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD550E90 ②	22,800.
600	660	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD660E90 ②	27,600.
700	770	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD770E90 ②	34,400.

① Refer to your Cutler-Hammer sales office.
② Not Seismic Qualified.

Note: Contact your local Cutler-Hammer sales office for CE Mark transformer requirements.

For other ratings or styles not shown, or for special enclosure types (including stainless steel) refer to Eaton's Cutler-Hammer business.

Discount Symbol DT-1

Three-Phase

Table 9-59. Drive Isolation Transformers

Hp	kVA	Full Cap. Taps		Type	°C Temp. Rise	Dimensions (Inches)			Wt. Lbs.	Dimensions (mm)			Wt. kg	Frame	Wiring Diagram Number	Weathershield		Style Number	Price U.S. \$	
		FCAN	FCBN			H	W	D		H	W	D				Catalog Number	Price U.S. \$			
460 Δ Volts to 230Y/133 Volts																				
5	7.5	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286D	WS31	350.	MD075E91	1,400.	
7.5	11	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286D	WS31	350.	MD11E91	1,450.	
10	14	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286D	WS31	350.	MD14E91	1,550.	
15	20	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286D	WS31	350.	MD20E91	1,920.	
20	27	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286D	WS31	350.	MD27E91	2,195.	
25	34	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286D	WS31	350.	MD34E91	2,430.	
30	40	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286D	WS31	350.	MD40E91	2,800.	
40	51	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286D	WS33	350.	MD51E91	3,165.	
50	63	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286D	WS33	350.	MD63E91	3,580.	
60	75	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286D	WS33	350.	MD75E91	3,875.	
75	93	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	600	1000	663	485	272	FR915B	286D	WS33	350.	MD93E91	4,650.	
100	118	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286D	WS19	350.	MD118E91	5,440.	
125	145	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286D	WS19	350.	MD145E91	6,350.	
150	175	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1100	1422	793	616	499	FR917	286D	WS34	800.	MD175E91	8,030.	
200	220	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1200	1422	793	616	499	FR917	286D	WS34	800.	MD220E91	9,300.	
250	275	1@+5%	1@-5%	DT-3	150	62-1/4	31-1/4	30-1/4	1600	1581	794	768	728	FR918A	286D	WS34	800.	MD275E91	10,880.	
300	330	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2200	1905	1130	914	1000	FR919	318E	WS35	1,360.	MD330E91	12,925.	
400	440	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2200	1905	1130	914	1000	FR919	318E	WS35	1,360.	MD440E91	18,900.	
500	550	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2900	1905	1130	914	1315	FR920	318E	WS35	1,360.	MD550E91	22,800.	
600	660	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2900	1905	1130	914	1315	FR920	318E	WS35	1,360.	MD660E91	27,600.	
700	770	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2900	1905	1130	914	1315	FR920	318E	WS35	1,360.	MD770E91	34,400.	
800	880	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	—	MD880E91 ②	39,300.
—	1000	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	—	MD1000E91 ②	42,570.
—	1250	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	—	MD1250E91 ②	49,500.
—	1500	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	—	MD1500E91 ②	78,600.
460 Δ Volts to 460Y/266 Volts																				
5	7.5	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286D	WS31	350.	MD075E92	1,400.	
7.5	11	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286D	WS31	350.	MD11E92	1,450.	
10	14	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286D	WS31	350.	MD14E92	1,550.	
15	20	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286D	WS31	350.	MD20E92	1,920.	
20	27	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286D	WS31	350.	MD27E92	2,195.	
25	34	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286D	WS31	350.	MD34E92	2,430.	
30	40	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286D	WS31	350.	MD40E92	2,800.	
40	51	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286D	WS33	350.	MD51E92	3,165.	
50	63	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286D	WS33	350.	MD63E92	3,580.	
60	75	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286D	WS33	350.	MD75E92	3,875.	
75	93	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	600	1000	663	485	272	FR915B	286D	WS33	350.	MD93E92	4,650.	
100	118	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286D	WS19	350.	MD118E92	5,440.	
125	145	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286D	WS19	350.	MD145E92	6,350.	
150	175	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1100	1422	793	616	499	FR917	286D	WS34	800.	MD175E92	8,030.	
200	220	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1200	1422	793	616	499	FR917	286D	WS34	800.	MD220E92	9,300.	
250	275	1@+5%	1@-5%	DT-3	150	62-1/4	31-1/4	30-1/4	1600	1581	794	768	728	FR918A	286D	WS34	800.	MD275E92	10,880.	
300	330	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2200	1905	1130	914	1000	FR919	318E	WS35	1,360.	MD330E92	12,925.	
400	440	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2200	1905	1130	914	1000	FR919	318E	WS35	1,360.	MD440E92	18,900.	
500	550	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2900	1905	1130	914	1315	FR919	318E	WS35	1,360.	MD550E92	22,800.	
600	660	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2900	1905	1130	914	1315	FR920	318E	WS35	1,360.	MD660E92	27,600.	
700	770	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2900	1905	1130	914	1315	FR920	318E	WS35	1,360.	MD770E92	34,400.	
800	880	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	—	MD880E92 ②	39,300.
—	1000	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	—	MD1000E92 ②	42,570.
—	1250	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	—	MD1250E92 ②	49,500.
—	1500	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	—	MD1500E92 ②	78,600.

① Refer to your Cutler-Hammer sales office.

② Not Seismic Qualified.

Note: Contact your local Cutler-Hammer sales office for CE Mark transformer requirements.

For other ratings or styles not shown, or for special enclosure types (including stainless steel) refer to Eaton's Cutler-Hammer business.

Discount Symbol DT-1

November 2003
Vol. 1, Ref. No. [0355]

Three-Phase

Table 9-60. Drive Isolation Transformers

Hp	kVA	Full Cap. Taps		Type	°C Temp. Rise	Dimensions (Inches)			Wt. Lbs.	Dimensions (mm)			Wt. kg	Frame	Wiring Diagram Number	Weathershield		Style Number	Price U.S. \$	
		FCAN	FCBN			H	W	D		H	W	D				Catalog Number	Price U.S. \$			
460 Δ Volts to 575Y/332 Volts																				
5	7.5	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286D	WS31	350.	MD075E93	1,400.	
7.5	11	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286D	WS31	350.	MD11E93	1,450.	
10	14	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286D	WS31	350.	MD14E93	1,550.	
15	20	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286D	WS31	350.	MD20E93	1,920.	
20	27	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286D	WS31	350.	MD27E93	2,195.	
25	34	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286D	WS31	350.	MD34E93	2,430.	
30	40	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286D	WS31	350.	MD40E93	2,800.	
40	51	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286D	WS33	350.	MD51E93	3,165.	
50	63	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286D	WS33	350.	MD63E93	3,580.	
60	75	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286D	WS33	350.	MD75E93	3,875.	
75	93	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	600	1000	663	485	272	FR915B	286D	WS33	350.	MD93E93	4,650.	
100	118	1@+5%	1@-5%	DT-3	150	46-1/8	28	20-1/8	760	1171	712	585	344	FR916A	286D	WS19	350.	MD118E93	5,440.	
125	145	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286D	WS19	350.	MD145E93	6,350.	
150	175	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1100	1422	793	616	499	FR917	286D	WS34	800.	MD175E93	8,030.	
200	220	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1200	1422	793	616	499	FR917	286D	WS34	800.	MD220E93	9,300.	
250	275	1@+5%	1@-5%	DT-3	150	62-1/4	31-1/4	30-1/4	1600	1581	794	768	728	FR918A	286D	WS34	800.	MD275E93	10,880.	
300	330	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2200	1905	1130	914	1000	FR919	318E	WS35	1,360.	MD330E93	12,925.	
400	440	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2200	1905	1130	914	1000	FR919	318E	WS35	1,360.	MD440E93	18,900.	
500	550	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2900	1905	1130	914	1315	FR920	318E	WS35	1,360.	MD550E93	22,800.	
600	660	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2900	1905	1130	914	1315	FR920	318E	WS35	1,360.	MD660E93	27,600.	
700	770	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2900	1905	1130	914	1315	FR920	318E	WS35	1,360.	MD770E93	34,400.	
900	990	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2900	1905	1130	914	1315	FR920	318E	WS35	1,360.	MD990E93	42,570.	
575 Δ Volts to 230Y/133 Volts																				
5	7.5	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286H	WS31	350.	MD075E94	1,400.	
7.5	11	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286H	WS31	350.	MD11E94	1,450.	
10	14	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286H	WS31	350.	MD14E94	1,550.	
15	20	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286H	WS31	350.	MD20E94	1,920.	
20	27	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286H	WS31	350.	MD27E94	2,195.	
25	34	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286H	WS31	350.	MD34E94	2,430.	
30	40	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286H	WS31	350.	MD40E94	2,800.	
40	51	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286H	WS33	350.	MD51E94	3,165.	
50	63	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286H	WS33	350.	MD63E94	3,580.	
60	75	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286H	WS33	350.	MD75E94	3,875.	
75	93	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	600	1000	663	485	272	FR915B	286H	WS33	350.	MD93E94	4,650.	
100	118	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286H	WS19	350.	MD118E94	5,440.	
125	145	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286H	WS19	350.	MD145E94	6,350.	
150	175	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1100	1422	793	616	499	FR917	286H	WS19	350.	MD175E94	8,030.	
200	220	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1200	1422	793	616	499	FR917	286H	WS34	800.	MD220E94	9,300.	
250	275	1@+5%	1@-5%	DT-3	150	62-1/4	31-1/4	30-1/4	1600	1581	794	768	728	FR918A	286H	WS34	800.	MD275E94	10,880.	
300	330	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2200	1905	1130	914	1000	FR919	①	WS35	1,360.	MD330E94	12,925.	
400	440	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2200	1905	1130	914	1000	FR919	①	WS35	1,360.	MD440E94	18,900.	
500	550	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2900	1905	1130	914	1315	FR920	①	WS35	1,360.	MD550E94	22,800.	
600	660	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2900	1905	1130	914	1315	FR920	①	WS35	1,360.	MD660E94	27,600.	
700	770	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2900	1905	1130	914	1315	FR920	①	WS35	1,360.	MD770E94	34,400.	
800	880	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD880E94 ②	39,300.	
—	1000	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD1000E94 ②	42,570.	
—	1250	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD1250E94 ②	49,500.	
—	1500	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD1500E94 ②	78,600.	

① Refer to your Cutler-Hammer sales office.

② Not Seismic Qualified.

Note: Contact your local Cutler-Hammer sales office for CE Mark transformer requirements.

For other ratings or styles not shown, or for special enclosure types (including stainless steel) refer to Eaton's Cutler-Hammer business.

Discount Symbol DT-1

Three-Phase

Table 9-61. Drive Isolation Transformers

Hp	kVA	Full Cap. Taps		Type	°C Temp. Rise	Dimensions (Inches)			Wt. Lbs.	Dimensions (mm)			Wt. kg	Frame	Wiring Diagram Number	Weathershield		Style Number	Price U.S. \$
		FCAN	FCBN			H	W	D		H	W	D				Catalog Number	Price U.S. \$		
575 Δ Volts to 460Y/266 Volts																			
5	7.5	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286H	WS31	350.	MD075E95	1,400.
7.5	11	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286H	WS31	350.	MD11E95	1,450.
10	14	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286H	WS31	350.	MD14E95	1,550.
15	20	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286H	WS31	350.	MD20E95	1,920.
20	27	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286H	WS31	350.	MD27E95	2,195.
25	34	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286H	WS31	350.	MD34E95	2,430.
30	40	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286H	WS31	350.	MD40E95	2,800.
40	51	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286H	WS33	350.	MD51E95	3,165.
50	63	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286H	WS33	350.	MD63E95	3,580.
60	75	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286H	WS33	350.	MD75E95	3,875.
75	93	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	600	1000	663	485	272	FR915B	286H	WS33	350.	MD93E95	4,650.
100	118	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286H	WS19	350.	MD118E95	5,440.
125	145	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286H	WS19	350.	MD145E95	6,350.
150	175	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1100	1422	793	616	499	FR917	286H	WS34	800.	MD175E95	8,030.
200	220	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1200	1422	793	616	499	FR917	286H	WS34	800.	MD220E95	9,300.
250	275	1@+5%	1@-5%	DT-3	150	62-1/4	31-1/4	30-1/4	1600	1581	794	768	728	FR918A	286H	WS34	800.	MD275E95	10,880.
300	330	1@+5%	1@-5%	DT-3	150	75	44	36	2200	1905	1130	914	1000	FR919	318F	WS35	1,360.	MD330E95	12,925.
400	440	1@+5%	1@-5%	DT-3	150	75	44	36	2200	1905	1130	914	1000	FR919	318F	WS35	1,360.	MD440E95	18,900.
500	550	1@+5%	1@-5%	DT-3	150	75	44	36	2900	1905	1130	914	1315	FR920	318F	WS35	1,360.	MD550E95	22,800.
600	660	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2900	1905	1130	914	1315	FR920	318F	WS35	1,360.	MD660E95	27,600.
700	770	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2900	1905	1130	914	1315	FR920	318F	WS35	1,360.	MD770E95	34,400.
800	880	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD880E95 ②	39,300.
—	1000	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD1000E95 ②	42,570.
—	1250	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD1250E95 ②	49,500.
—	1500	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD1500E95 ②	78,600.
575 Δ Volts to 575Y/332 Volts																			
5	7.5	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286H	WS31	350.	MD075E96	1,400.
7.5	11	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286H	WS31	350.	MD11E96	1,450.
10	14	1@+5%	1@-5%	DT-3	150	25	20-1/8	14-1/8	152	635	511	358	69	FR909	286H	WS31	350.	MD14E96	1,550.
15	20	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286H	WS31	350.	MD20E96	1,920.
20	27	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	230	765	511	358	104	FR910A	286H	WS31	350.	MD27E96	2,195.
25	34	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286H	WS31	350.	MD34E96	2,430.
30	40	1@+5%	1@-5%	DT-3	150	30-1/8	20-1/8	14-1/8	310	765	511	358	140	FR912A	286H	WS31	350.	MD40E96	2,800.
40	51	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286H	WS33	350.	MD51E96	3,165.
50	63	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286H	WS33	350.	MD63E96	3,580.
60	75	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	480	1000	663	485	217	FR914B	286H	WS33	350.	MD75E96	3,875.
75	93	1@+5%	1@-5%	DT-3	150	39-3/8	26-1/8	19-1/8	600	1000	663	485	272	FR915B	286H	WS33	350.	MD93E96	4,650.
100	118	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286H	WS19	350.	MD118E96	5,440.
125	145	1@+5%	1@-5%	DT-3	150	46-1/8	28	23	760	1171	712	585	344	FR916A	286H	WS19	350.	MD145E96	6,350.
150	175	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1100	1422	793	616	499	FR917	286H	WS34	800.	MD175E96	8,030.
200	220	1@+5%	1@-5%	DT-3	150	56	31-1/4	24-1/4	1200	1422	793	616	499	FR917	286H	WS34	800.	MD220E96	9,300.
250	275	1@+5%	1@-5%	DT-3	150	62-1/4	31-1/4	30-1/4	1600	1581	794	768	728	FR918A	286H	WS34	800.	MD275E96	10,880.
300	330	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2200	1905	1130	914	1000	FR919	①	WS35	1,360.	MD330E96 ②	12,925.
400	440	1@+5%	1@-5%	DT-3	150	75	44-1/2	36	2200	1905	1130	914	1000	FR919	①	WS35	1,360.	MD440E96 ②	18,900.
500	550	1@+5%	1@-5%	DT-3	150	75	44-1/4	36	2900	1905	1130	914	1315	FR920	①	WS35	1,360.	MD550E96 ②	22,800.
600	660	1@+5%	1@-5%	DT-3	150	75	44-1/4	36	2900	1905	1130	914	1315	FR920	①	WS35	1,360.	MD660E96 ②	27,600.
700	770	1@+5%	1@-5%	DT-3	150	①	①	①	①	①	①	①	①	①	①	①	—	MD770E96 ②	34,400.

① Refer to your Cutler-Hammer sales office.

② Not Seismic Qualified.

Note: Contact your local Cutler-Hammer sales office for CE Mark transformer requirements.

For other ratings or styles not shown, or for special enclosure types (including stainless steel) refer to Eaton's Cutler-Hammer business.

Discount Symbol DT-1