

# FTC-FTK Series

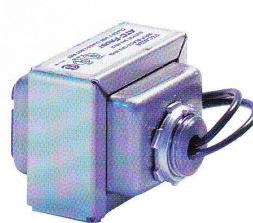
## Energy Limiting Transformers

### Fully Certified Class 2 Transformers - Wired-in (Metal)

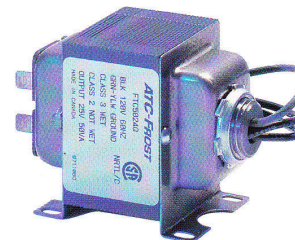
#### Features:

- Rugged all steel design provides excellent heat dissipation and electromagnetic shielding.
- Fully threaded, steel conduit nipple provides strong positive mounting.
- Secondary wiring terminals are also available in combination screw/.25" male quick connects.
- Vacuum varnish impregnated and oven baked to ensure quiet, trouble free operation.
- Optional mounting accessories for panel box installation.
- Fuseless energy limited winding except as noted\*.
- Most models are "North American Approved" by CSA (NRTL/C) or UL (see table below).

#### Two Mounting Styles



1. Nipple

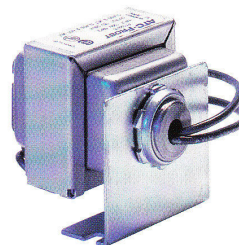


2. Foot/Nipple



#### Options:

- **FA112** mounting bracket (sold separately) 2.25" x 2.0" x 0.8" c/w K.O. for nipple provides 2.0" panel mounting centres.
- **-Q** quick connect male terminals .25" in combination with screw terminals.
- **-L** secondary leads extending through fibre in place of terminals.
- **-C** secondary leads extending through slotted end shell.
- **-F** secondary fuse block for Class 2 circuit only.



Shown with FA112 Mounting Bracket



Shown with Optional Screw/.25" Q.C.

#### Models 120 Volt 60Hz Primary

Cat. No.	VA	Secondary (RMS)		Sec (RMS) N.L. Volts	Approvals			Mounting Style			Weight		
		Volts	Amps.		CSA	UL	NRTL/C	Style	High	Wide	Deep	lb.	Kg
FTC 1024	10	24	0.42	29.5	X	X		1	2.0	2.3	1.9	.83	(.38)
FTC 1210	12	10	1.20	13.9	X	X		1	2.0	2.3	1.9	.83	(.38)
FTC 1216	12	16	0.75	21.7	X	X		1	2.0	2.3	1.9	.83	(.38)
FTC 1224	12	24	0.50	29.5	X	X		1	2.0	2.3	1.9	.83	(.38)
FTC 2012	20	12	1.67	14.1	X	X		1	2.0	2.3	2.0	1.0	(.46)
FTC 2014	20	14	1.43	16.8	X	X		1	2.0	2.3	2.0	1.0	(.46)
FTC 2016	20	16	1.25	18.9	X	X		1	2.0	2.3	2.0	1.0	(.46)
FTC 2018	20	18	1.11	21.5	X	X		1	2.0	2.3	2.0	1.0	(.46)
FTC 2024	20	24	0.83	29.0	X	X		1	2.0	2.3	2.0	1.0	(.46)
FTC 2024/16/8	20/17/13	24/16/8	.83/1.0/1.6	28/16/9.4	X		X	1	2.0	2.3	2.0	1.0	(.46)
FTC 3716	37	16.5	2.24	19.5	X		X	1	2.0	2.3	2.3	1.3	(.60)
FTC 3718	37	18	2.06	21.1	X		X	1	2.0	2.3	2.3	1.3	(.60)
FTC 4012*	40	12	3.33	13.7	X		X	1	2.0	2.3	2.3	1.3	(.60)
FTC 4016	40	16.5	2.42	19.7	X		X	1	2.0	2.3	2.3	1.3	(.60)
FTC 4018	40	18	2.22	21.7	X		X	1	2.0	2.3	2.3	1.3	(.60)
FTC 4024	40	24	1.67	28.3	X		X	1	2.0	2.3	2.3	1.3	(.60)
FTC 4024UL	40	24	1.67	28.3	X	X		1	2.0	2.3	2.3	1.3	(.60)
FTC 5024	50	25	2.00	28.5	X		X	2	2.5	1.9	3.1	1.8	(.81)

#### Other Primary Voltages

\*FTC 4012 is classed as a non-energy limiting Class 2. It uses a fuse for current limiting.

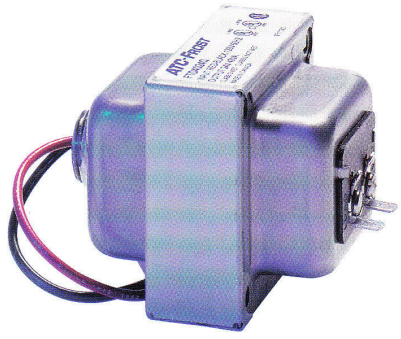
Cat. No.	Primary		VA	Secondary (RMS)		Sec (RMS) N.L. Volts	Approvals			Mounting Style			Weight			
	Volts	Freq.		Volts	Amps.		CSA	UL	NRTL/C	Style	High	Wide	Deep	lb.	Kg	
FTC 2016-3	240	60	20	16	1.25	18.9	X	X		1	2.0	2.3	2.0	1.0	(.46)	
FTK 2024	100	50/60	20	24	0.83	29.7	X			1	2.0	2.3	2.0	1.0	(.46)	
FTC 2024-3	240	60	20	24	0.83	29.0	X	X		1	2.0	2.3	2.0	1.0	(.46)	
FTK 3716-3	230	50/60	37	16	2.25	19.1				1	2.0	2.3	2.3	1.3	(.60)	
FTC 4024-3	240	60	40	24	1.67	28.3	X			1	2.0	2.3	2.3	1.3	(.60)	
FTC 4024-8	208/240	60	40	24	1.67	28.3	X			X	1	2.0	2.3	2.3	1.3	(.60)
FTC 4024-10	120/208/240	60	40	24	1.67	27.6				1	2.3	2.7	2.5	1.5	(.68)	

# FTC-FTD-FTK Series

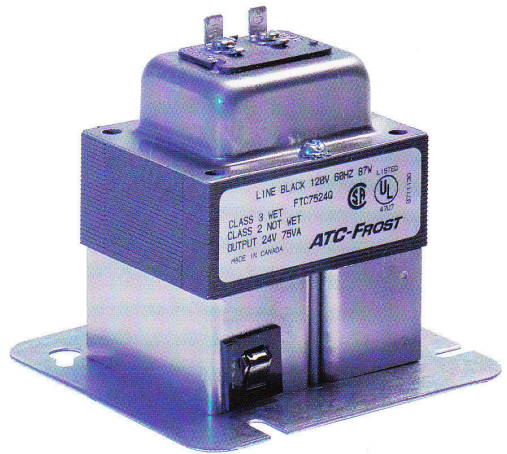
## Energy and Non-energy Limiting Transformers

### Fully Certified Class 2 Transformers - Wired-in (Metal) Heavy Duty

#### Two Mounting Styles



1. Nipple



2. 4" Plate



#### Application:

These heavy duty models have been designed for applications which require higher inrush capabilities for the transformer. Some typical examples include: Low voltage lighting controls where large contactors are required to pull in, and Security installations with multiple devices on the same circuit.

#### Features:

- Rugged all steel design provides excellent heat dissipation and electromagnetic shielding.
- Fully threaded, steel conduit nipple or 4" plate for electrical box mounting.
- Secondary wiring terminals are also available in combination screw/.25" male quick connects.
- Vacuum varnish impregnated and oven baked to ensure quiet, trouble free operation.
- FTD models are "Energy Limited" designs and also include an overtemperature thermostat.
- FTC75 and FTK75 models are classed as "Non-energy Limiting" Class 2 as they use a trip-free circuit breaker to limit the current.
- Most models are "North American Approved" by CSA (NRTL/C) or UL (see table below).

#### Options:

- **FA112** mounting bracket (sold separately) 2.25" x 2.0" x 0.8" c/w K.O. for nipple provides 2.0" panel mounting centres.
- **-Q** quick connect male terminals 0.25" in combination with screw terminals.
- **-L** secondary leads extending through fibre in place of terminals.
- **-C** secondary leads extending through slotted end shell.
- **-F** secondary fuse block for Class 2 circuit only.

#### Models

Cat. No.	Primary	Rating	VA	Secondary (RMS)		Sec (RMS) N.L. Volts	Approvals			Mounting Style			Weight		
	Volts	Freq.		Volts	Amps.		CSA	UL	NRTL/C	Style	High	Wide	Deep	Lb.	Kg
FTD 4024	120	60	40*	24	1.67	29.1	X	X	X	1	2.6	3.1	2.9	2.2	(.99)
FTD 4024-3	240	60	40*	24	1.67	29.4	X	X	X	1	2.6	3.1	2.9	2.2	(.99)
FTD 4024-4	277	60	40*	24	1.67	29.4	X	X	X	1	2.6	3.1	2.9	2.2	(.99)
FTD 4024-5	347	60	40*	24	1.67	28.8	X		X	1	2.6	3.1	2.9	2.2	(.99)
FTC 7516	120	60	75	16	4.69	17.7	X			2	3.7	4.2	4.2	3.1	(1.4)
FTK 7516-3	230	50/60	75	16	4.69	17.9				2	3.7	4.2	4.2	3.1	(1.4)
FTC 7524	120	60	75	24	3.13	26.4	X	X		2	3.7	4.2	4.2	3.1	(1.4)
FTK 7524-3	230	50/60	75	24	3.13	26.1				2	3.7	4.2	4.2	3.1	(1.4)

\*FTD 40VA models have a 75VA short duration capacity.