

RAIL HEATING SYSTEMS UNSURPASSED IN EFFICIENCY, DURABILITY & RELIABILITY

RAIL HEATERS

- **Flat Profile Heaters** put the heat where it's needed most - Single or Double Ended styles
- Any rail heating application - Switches, Spring Frogs, Moveable Point Frogs, Hot Box Detectors, etc.
- Flat surface contact to rail means lower energy use 25% - 40% lower wattage per foot!
- Full stainless steel construction for rust & corrosion resistance
- Fastrax terminations - far superior to conventional units
- Premium grade marine cable for resistance to UV, chemicals, & severe weather



Revolutionary XTC patented **EXCLUSIVE** Spring Clamps and **NO-DRILL** Rail-Anchor Clamps allow for expansion and contraction

DRAMATICALLY EXTENDED HEATER LIFE

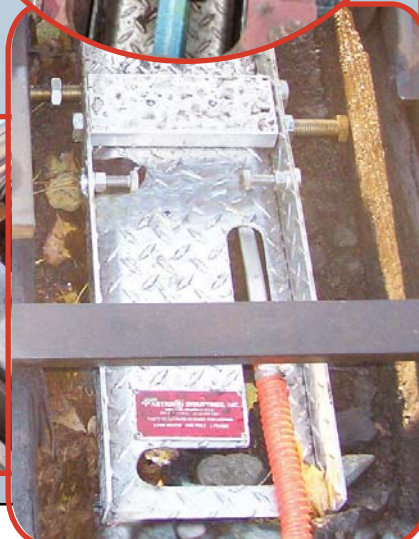
Only available here!

CRIB HEATERS

- Utilizing the patented, energy saving Fastrax Switchblade® Heater.
- Easy to install - Adjustable E-Z Mount Brackets included
- Low Profile will not interfere with switch operation (Even when installed in Hollow Metal Ties as in photo above)
- Reliable - This Heater Stands up to abuse
- Efficient -150 Watts per Ft. 1/3 - 1/2 the Energy Required for conventional units



You wouldn't want to try this with any other brand of crib heater!



8152 SouthPark Lane Littleton, Colorado 80120 PH: (303) 979-7339 FAX: (303) 979-7350
VISIT US ON THE WORLDWIDE WEB AT www.fastraxind.com

SWITCHBLADE®

SINGLE END RAIL HEATER



ABSOLUTELY THE BEST SINGLE END HEATER AVAILABLE!

***EXCLUSIVE
MULTIPLE
CORE
*FLAT PROFILE
CONSTRUCTION**



FASTRAX® EXCLUSIVE

**Rail-Anchor Clamp option
NO DRILLING**

***Utilizing this Fastrax® patented
Spring-Clamp technology**

- Low Profile Heater puts the heat where it's needed most.
- Stops damage from reinforced & low clearance switches
- Flat surface contact to rail means lower energy use 25% - 40% lower wattage per foot!
- Full stainless steel constructions for rust & corrosion resistance
- Fastrax® terminations - far superior to conventional units
- Premium grade marine cable for resistance to UV, chemicals, & severe weather
- 26 ft leads standard
- Any voltage, wattage & length available



***Revolutionary XTC
patented Spring-Clamps
(INCLUDED WITH ALL
FASTRAX® HEATERS)
allow for
expansion and contraction**

**DRAMATICALLY
EXTEND HEATER LIFE
AVAILABLE ONLY FROM FASTRAX®**



Exclusive features protected under US patents 5,824,997 and 6,104,010. Canadian patent No. 2,234,149

FASTRAX® INDUSTRIES INC
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**FOR ULTIMATE COST SAVINGS
USE WITH FASTRAX® ENERGY SAVING
CONTROL PANELS**

FOR LONGER HEATER LIFE WE INCLUDE OUR EXCLUSIVE XTC-0173 PATENTED SPRING-CLAMPS
WITH EVERY SWITCHBLADE HEATER



300 WATTS PER FOOT

SWITCHBLADE[®] RAIL HEATER SELECTION GUIDE

Overall Length	Heated Length	Total Wattage	240 VAC Model No.	480 VAC Model No.	600 Volt Model No.	XTC-0173 Clamp
12 ft	11 ft 2 in	3,400	FSB32412	FSB34812	FSB36012	6
14 ft	13 ft 2 in	4,000	FSB32414	FSB34814	FSB36014	7
16 ft	15 ft 2 in	4,600	FSB32416	FSB34816	FSB36016	8
18 ft	17 ft 2 in	5,200	FSB32418	FSB34818	FSB36018	9
20 ft	19 ft 2 in	5,800	FSB32420	FSB34820	FSB36020	10
22 ft	21 ft 2 in	6,400	FSB32422	FSB34822	FSB36022	11
24 ft	23 ft 2 in	7,000	FSB32424	FSB34824	FSB36024	12
26 ft	25 ft 2 in	7,600	FSB32426	FSB34826	FSB36026	13

Items in red are factory stock standard length units

SWITCHBLADE[®] SPRING FROG SELECTION GUIDE

FROGS WITH FACTORY PROVIDED BODY CHANNEL FOR FASTRAX[®] HEATERS

Overall Length	Heated Length	Total Wattage	240 VAC Model No.	480 VAC Model No.	600 Volt Model No.	XTC-0173 Clamp
10 ft	9 ft 2 in	2,800	FSBS32410	FSBS34810	FSBS36010	1
12 ft	11 ft 2 in	3,400	FSBS32412	FSBS34812	FSBS36012	1
16 ft	15 ft 2 in	4,600	FSBS32416	FSBS34816	FSBS36016	1
20 ft	19 ft 2 in	5,800	FSBS32420	FSBS34820	FSBS36020	1

Heater to be applied in toe end pre-cast body channel provided

RETROFIT OF EXISTING FROGS WITH FASTRAX[®] HEATERS

10 ft	9 ft 2 in	2,800	FSBR32410	FSBR34810	FSBR36010	5
16 ft	15 ft 2 in	4,600	FSBR32416	FSBR34816	FSBR36016	8

Heater to be applied to D-Bar flat area below horn bolts
Clamp kits include integral spacers for D-Bar and self tapping bolts

All heaters have 26 foot, 2 conductor, No 10 gauge marine grade connection conductor with FASTRAX[®] exclusive wiring termination

**SWITCHBLADE[®] Heaters Available in Any Voltage up to 600 Volt AC
With Continuous Lengths up to 40 Feet**

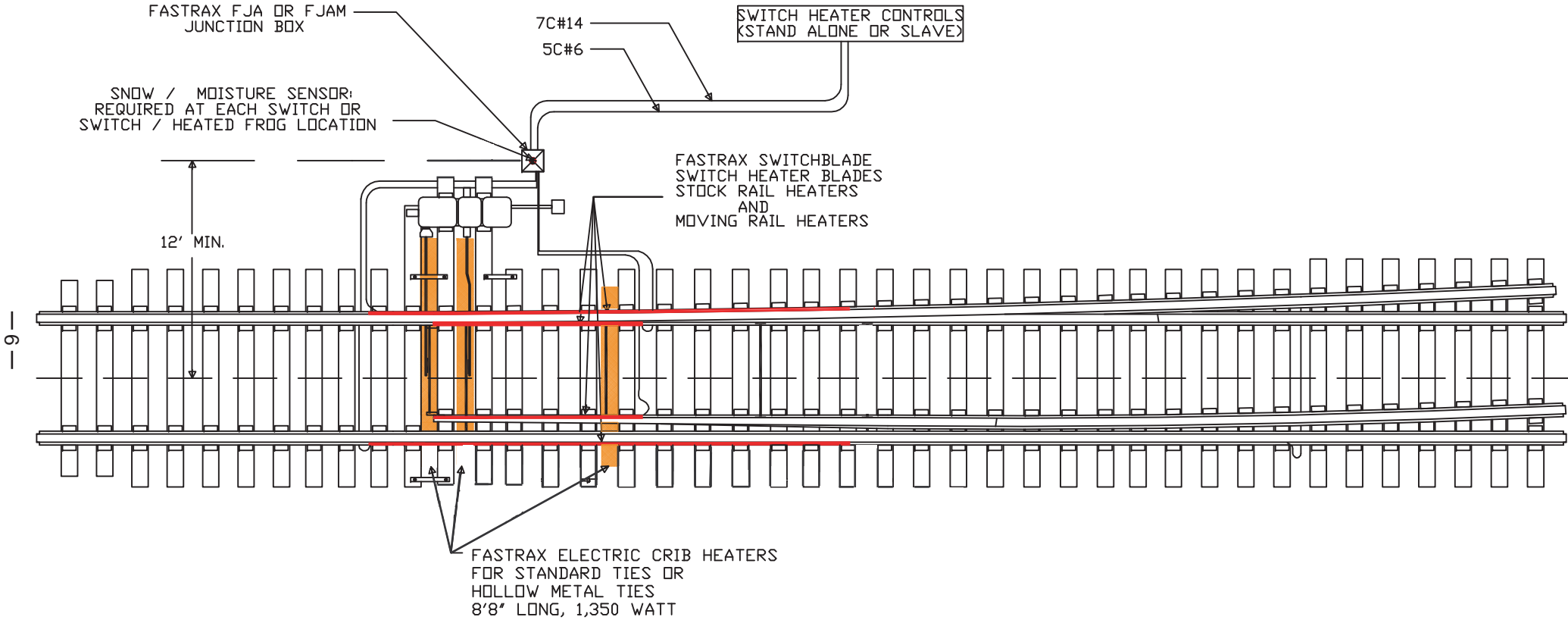
Protected under US patents 5,824,997 and 6,104,010. Canadian patent No. 2,234,149



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All Values Nominal

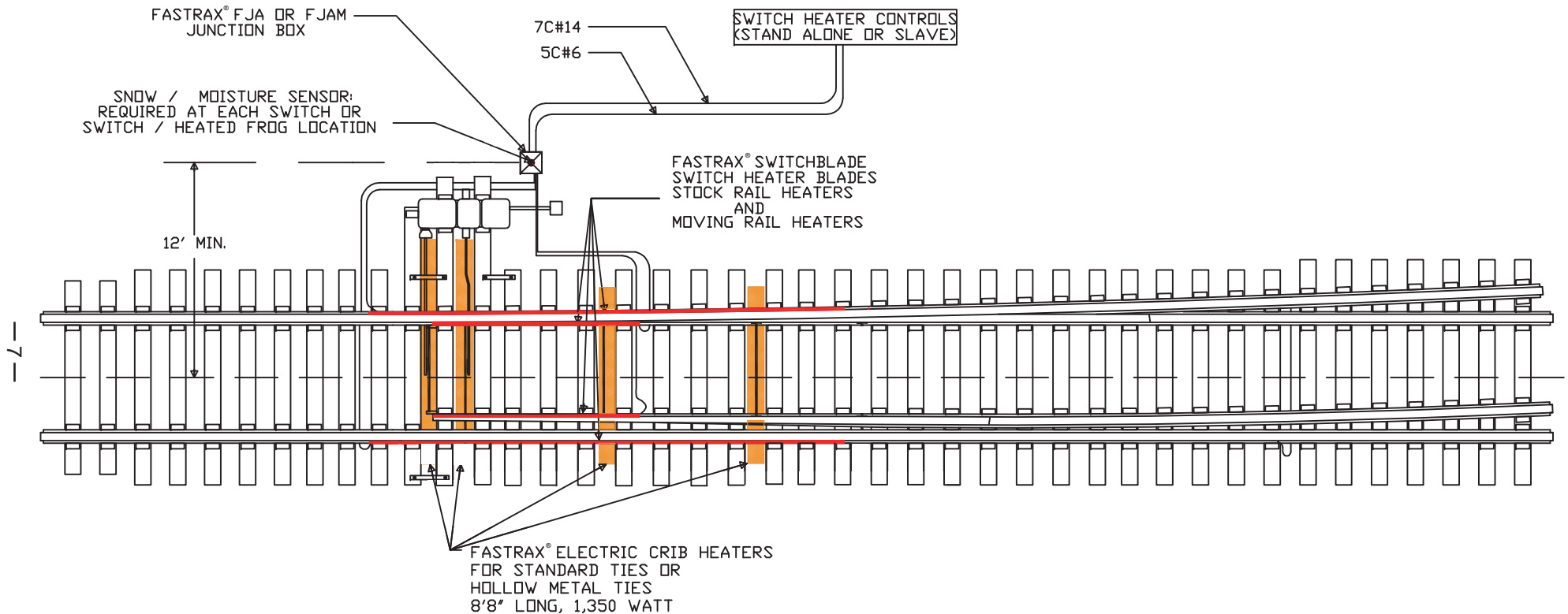
**TYPICAL SYSTEM LAYOUT - EQUIPMENT DETAIL
NO. 9, 10, OR 11 STANDARD SWITCH SIZE - ALL TIE STYLES**



TYPICAL LAYOUTS ARE NOT TO SCALE AND ARE TO BE USED FOR GENERAL POSITION OF EQUIPMENT ONLY.

REVIEW YOUR COMPANY STANDARD FOR EXACT EQUIPMENT LAYOUT.

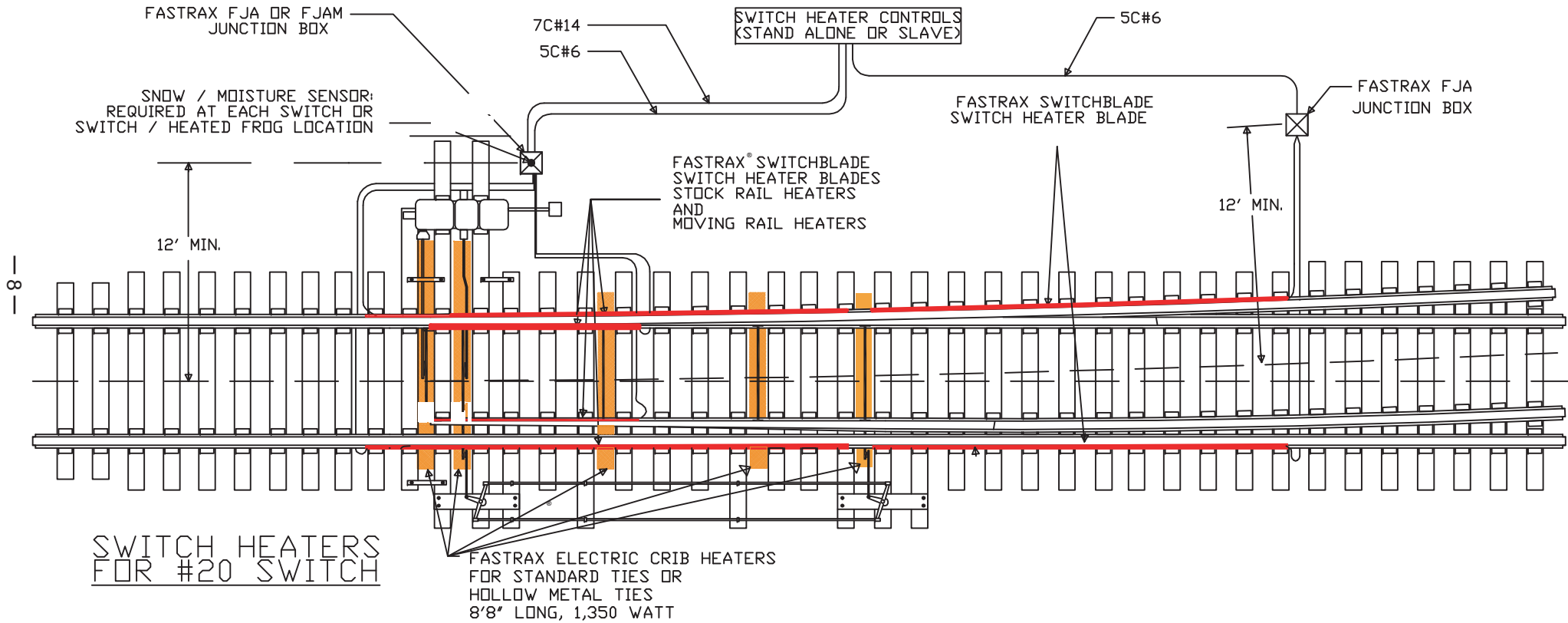
**TYPICAL SYSTEM LAYOUT - EQUIPMENT DETAIL
NO. 14, 15, or 16 STANDARD SWITCH SIZE - ALL TIE STYLES**



TYPICAL LAYOUTS ARE NOT TO SCALE AND ARE TO BE USED FOR GENERAL POSITION OF EQUIPMENT ONLY.

REVIEW YOUR COMPANY STANDARD FOR EXACT EQUIPMENT LAYOUT.

**TYPICAL SYSTEM LAYOUT - EQUIPMENT DETAIL
NO. 20 / 24 STANDARD SWITCH SIZE - ALL TIE STYLES**



TYPICAL LAYOUTS ARE NOT TO SCALE AND ARE TO BE USED FOR GENERAL POSITION OF EQUIPMENT ONLY.

REVIEW YOUR COMPANY STANDARD FOR EXACT EQUIPMENT LAYOUT.