



## UQGS.S480 Heat-automatic Fire Detectors

[Page Bottom](#)

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[See General Information for Heat-automatic Fire Detectors](#)

#### PROTECTOWIRE CO INC

S480

60 WASHINGTON ST  
PEMBROKE, MA 02359-1833 USA

**Programming module,** Model(s) CTMP-1 (h)

**Interface module,** Model(s) CTM-530 (f), CTM-530E (f) (d), CTM-530LT (f), CTM-530LTE (f) (d), PIM-530 (g), PIM-530E (d) (g), PIM-530LT (g), PIM-530LTE (d) (g)

Model No.	Type	Compatibility Restrictions	Contact Arrangement	Temp Range (°F)	Spacing (Ft)	
					Smooth Ceiling	to Wall or Partition
<b>CTI-XXX, CTI-XXXX, CTI-XXXX (c)</b>						
	HSC	D4	-	See footnote c	50	25
<b>EPC (a)(2), EPN (a)(2), EPR (a)(2), XCR (a)(2)</b>						
	FT	None	-	155-190-220-280-356	50	25
<b>PLR (b)(2)</b>	FT	None	-	155-190-220-280-356	50	25
<b>PLR-R (b)(2)</b>	FT	None	-	155-190-220-280	50	25
<b>PLR-X (b)(1)</b>	FT	None	-	140	50	25
<b>PTS-8101</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
				135 - 235	50	25
				135 - 235	50	25
<b>PTS-8102</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8103</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8104</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8106</b>	FT/ROR, HSC	D4	NO/NC	135-235	50	25
<b>PTS-8108</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
				135 - 235	50	25
<b>PTS-8110</b>	FT/ROR, HSC	D4	NO/NC	135-235	50	25
<b>PTS-8201</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8202</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8203</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8204</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8206</b>	FT/ROR, HSC	D4	NO/NC	135-235	50	25
<b>PTS-8208</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8301</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25

<b>PTS-8302</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8303</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8304</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8308</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8401</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8402</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8403</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8404</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>PTS-8406</b>	FT/ROR, HSC	D4	NO/NC	135-235	50	25
<b>PTS-8408</b>	FT/ROR, HSC	D4	NO/NC	135 - 235	50	25
<b>XLT (a)(1)</b>	FT	None	-	135	50	25

D4 - For connection to any manufacturer's Listed compatible control unit.

HSC - Heat sensitive cable

FT - Fixed temperature

FT/ROR - Fixed temperature/rate of rise combination

(1) - To be used in ambient temperatures between -60°F (-51°C) and 100°F (38°C).

(2) - Cables rated (155 F) are not to be used in ambient temperatures exceeding (100 F) degrees. And when cables rated (190 F) are to be used in ambient temperatures exceeding (150 F) degrees. Cables rated (280 F) are not to be in ambient temperatures exceeding (221 F) degrees.

(a) - Resistance approximately 20 ohms per 100 ft of cable.

(b) - Resistance approximately 5 ohms per 100 ft of cable.

c - Where XXX represents the temperature rating, ordinary (155°F), intermediate (190°F and 220°F), high (280°F) and extra high (356°F) rating. All models can have the suffix ?M which represents the models with high tensile strength stainless steel wire, which is wound around the Detector

d - Suitable for outdoor use.

f - For use with Linear Heat Detector, model CTI-XXX, CTI-XXXR, and CTI-XXXX

g - For use with Linear Heat Detectors, model EPC, EPR, XCR, and PLR

h - For use with Interface module, model CTM-530LT, CTM-530LTE, PIM-530LT, and PIM-530LTE.

Note - Protectowire fire detecting wire, fixed temperature type having two conductors, electrically insulated from each other with a thermo-responsive plastic. When subjected to heat from a fire, the conductors make contact with each other thereby closing an electrical circuit. For use in signal circuits 30 V , ac or 42.4 V, dc 1 amp or less. Standard Type (Cotton braided outer jacket). Temperature ratings: Ordinary (135 F, 155 F) intermediate (190 F), high (280 F) and extra high (356 F) degrees.

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[Page Top](#)

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