



UQGS.S480 Heat-automatic Fire Detectors

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Heat-automatic Fire Detectors

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PROTECTOWIRE CO INC
40 GRISSOM RD
PLYMOUTH, MA 02360 USA

S480

Model No.	Type	Compatibility Restrictions	Contact Arrangement	Temp Range (°F)	Spacing (Ft)	
					Smooth Ceiling	to Wall or Partition
EPC (a)(2), EPN (a)(2), EPR (a)(2), XCR (a)(2)						
	FT	None	-	155-190-280-356	50	25
PLR (b)(2)	FT	None	-	155-190-280-356	50	25
PLR-R (b)(2)	FT	None	-	155-190-280	50	25
PLR-X (b)(1)	FT	None	-	140	50	25
PTS-8101	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8102	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8103	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8104	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8108	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8201	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8202	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8203	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8204	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8208	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8301	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8302	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8303	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8304	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8308	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8401	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8402	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8403	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8404	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
PTS-8408	FT/ROR, HSC	D4	NO/NC	175 - 235	50	25
XLT (a)(1)	FT	None	-	135	50	25

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

FT - Fixed temperature

FT/ROR - Fixed temperature/rate of rise combination

HSC - Heat sensitive cable

(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.

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.

Last Updated on 2011-04-15

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