



Certification Record

CUSTOMER	CLASS	FILE
Barksdale, Inc. 3211 Fruitland Ave., Los Angeles CA 90058 USA	4868-01 TEMPERATURE-INDICATING AND REGULATING EQUIPMENT-For Hazardous Locations	034556_0_000
Refer to Class Description for program details		

Class I, Groups C and D; Class II, Groups E, F and G; Class III, Encl 4:

- Temperature switches, Series L1X and T1X, followed by alpha-numeric suffixes, rated (max) as indicated by suffixes noted below, with or without Q1 through Q99.
- Temperature switches, Series T2X, followed by alpha-numeric suffixes, with or without Suffix "RD" (denoting manual reset), rated (max) as indicated by suffixes noted below, with or without Q1 through Q99.
- Temperature switches, Models L1X-L202S-Q6, L1X-L202S-Q26, L1X-L204S-Q49, T1X-L204S-Q28, T1X-L204S-Q32, T1X-L325S-Q42, T1X-L325S-Q46, T2X-L204S-Q33 and T2X-L325-Q47, rated 22A, 125, 250, 480V ac

Notes:

1. The possible electrical rating and mechanical suffix codes are as follows:

Suffix	Rating
B, F or K	15A, 125, 250, 480V ac; 2A, 600V ac; 0.5A, 125V dc; 0.25A, 250V dc.
E	20A, 125, 250, 480V ac; 2A, 600V ac; 0.5A, 125V dc; 0.25A, 250V dc.
G	15A, 125, 250, 480V ac; 2A, 600V ac.
GH	1A, 125V ac.
H or J	15A, 125, 250, 480V ac.
L	22A, 125, 250, 480V ac.
M	15A, 125, 250, 480V ac; 0.5A, 125V dc; 0.25A, 250V dc.
S	20A, 125, 250, 480V ac.
S	Stainless Steel.
15 to 60	Temperature Code.
1 to 25	Capillary length in feet. The nominal value is 6 ft, no code.
A	Armour
Q1 to Q99	Minor construction and/or identification changes.

2. For "manual reset" version of the dual switch models (Series T2X), the max rating of the "high" circuit switch is as indicated by Suffix "G" above, while the "low" circuit switch can be any of the above; the "marked" rating of the combination shall not exceed the lower rated switch.

- Suffix letter "Q" with numbers denotes minor mechanical variations.
- Suffix "Q55" may be added to model number to denote change in terminal block, switch and wiring and use of non-standard temperature range.
- Temperature switches, Series HL1X, HT1X and HT2X, followed by AA, CC, GH HH, followed by -100 to +650 (temp. range Deg F), with or without 1 to 25, with or without S, with or without Q1 through Q99, with or without FX. Rated as indicated by the suffixes noted below:

Suffix	Rating
AA	4A, 250V ac
CC	11A, 1/4 Hp, 125/250V ac; 5A - 30V dc
GH	5A, 250V ac
HH	5A, 250V ac
100 to 650	Temperature Code.
1 to 25	Capillary length in feet. The nominal value is 6 ft, no code.
S	Stainless steel
Q1 through Q99	Minor construction and/or identification changes.
FX	Enclosure Type 4X

Class I, Div 2, Groups A, B, C and D; Class II, Div 2, Groups F and G, Encl 4:

- Miscellaneous Controls Series HMT1H, HML1H, HT2H and HL2H, followed by AA, HH, CC or GH followed by -100 to +650 (temp. range Deg F), with or without 1 to 25, with or without S, with or without Q1 through Q99, with or without FX.

GH	5A, 250V ac
AA	4A, 250V ac
HH	5A, 250V ac
CC	11A, 1/4 hp, 125/250V ac; 5A-30V dc
S	Stainless steel
Q1 through Q99	minor construction and/or identification changes
FX	Enclosure Type 4X

Class I, Groups B, C and D; Class II, Groups E, F and G; Class III; Temperature Coded T4 or T6; Type 4:

- Temperature Switches, Series TX, or AMC-1H, E507S-LS, E507S-2LS, E507S-2LS-2 and THT-LS followed by a, b, c, d, e, f, and g:

where a= Sensor location L or R

b= Limit switch B,F,H,J,K,L,M,GH,G, S (ratings from 125 to 600Vac, 2 to 22 A; 125 to 250Vdc, 0.03 to 0.5 A)

c= Temperature range 1,2,3,4,5,6,7

d= Sensor material C,S or N
 e= Capillary length in feet 1 to 25
 f= Standard options R, X
 g= Special options Q1-Q999, A,R1,R2,R3,W,WS,S#

Class I, Division 1, Groups B, C and D; Enclosure Type 4X

T9692X Temperature Switch for Hazardous Locations, Contact ratings: Model -EE 125 or 250 Vac @ 11A and 30 Vdc @ 5A, Model -GH 125Vac @ 1A; 60Hz; ambient temperature range: -40 °C to +60 °C

Model codes: T9692X-abb-c-ddd-options

T9692X = Basic Switch number

a = number of switches (1 or 2)

bb = Switch Type (**EE** = Silver contact, **GH** = Gold contact (**CC** switch as an alternate to the **EE** switch))

c = Adjustable Temperature range (1 = -40 to 43 °C, 2 = 20 to 104 °C, 3 = 82 to 165 °C and 4 = 149 to 288 °C)

ddd = Capillary Length (**001** = Local mount; **072** = 6ft; **108** = 9ft; **144** = 12ft)

options = Armor (A), Standard (Blank), Thermowell (WS), Mounting Bracket (B), Factory Set (SXX), Non-standard options: Wire length (WXXX) and (Q001-Q999). The customer special designation (Q001-Q999) is used to accommodate minor/multiple variations which could create a very long part number. These minor/multiple variations do not compromise Hazardous Location safety aspects (no holes will be drilled; no thinning of the walls of the enclosure; and the o-rings/gaskets will remain intact to maintain the Type 4X rating). Some of the variations are wire color, wire length and customer requested markings such as a customers part number added to the product.

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