

Protectowire Linear Heat Detector Temperature Ratings



Outer Jackets Materials

EPC: PVC

PLR-R: Thermoplastic Elastomer

XCR: Fluoropolymer

XLT: Proprietary Polymer

LSZH: Low Smoke Zero Halogen

Note: Colors shown are for illustrative purposes only. Actual jacket colors may vary.

PROTECTOWIRE PHSC - XLT

PHSC-135-XLT – ALARM TEMP. 135°F (57°C)
Ambient Temp. Max. 100°F (38°C) – Min. -60°F (-51°C)

PROTECTOWIRE PHSC - LSZH

PHSC-135-LSZH – ALARM TEMP. 135°F (57°C)
Ambient Temp. Max. 100°F (38°C) – Min. -40°F (-40°C)

PROTECTOWIRE PLR-R

PLR-155R – ALARM TEMP. 155°F (68°C)
Ambient Temp. Max. 115°F (46°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - EPC

PHSC-155-EPC – ALARM TEMP. 155°F (68°C)
Ambient Temp. Max. 115°F (46°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - XCR

PHSC-155-XCR – ALARM TEMP. 155°F (68°C)
Ambient Temp. Max. 115°F (46°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - LSZH

PHSC-155-LSZH – ALARM TEMP. 155°F (68°C)
Ambient Temp. Max. 115°F (46°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - EPC

PHSC-172-EPC – ALARM TEMP. 172°F (78°C)
Ambient Temp. Max. 130°F (54°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - XCR

PHSC-172-XCR – ALARM TEMP. 172°F (78°C)
Ambient Temp. Max. 130°F (54°C) – Min. -40°F (-40°C)

PROTECTOWIRE PLR-R

PLR-172R – ALARM TEMP. 172°F (78°C)
Ambient Temp. Max. 130°F (54°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - LSZH

PHSC-172-LSZH ALARM TEMP. 172°F (78°C)
Ambient Temp. Max. 130°F (54°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - EPC

PHSC-190-EPC – ALARM TEMP. 190°F (88°C)
Ambient Temp. Max. 150°F (66°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - XCR

PHSC-190-XCR – ALARM TEMP. 190°F (88°C)
Ambient Temp. Max. 150°F (66°C) – Min. -40°F (-40°C)

PROTECTOWIRE PLR-R

PHSC-190R – ALARM TEMP. 190°F (88°C)
Ambient Temp. Max. 150°F (66°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - LSZH

PHSC-190-LSZH – ALARM TEMP. 190°F (88°C)
Ambient Temp. Max. 150°F (66°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - EPC

PHSC-220-EPC – ALARM TEMP. 220°F (105°C)
Ambient Temp. Max. 175°F (79°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - XCR

PHSC-220-XCR – ALARM TEMP. 220°F (105°C)
Ambient Temp. Max. 175°F (79°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - LSZH

PHSC-220-LSZH – ALARM TEMP. 220°F (105°C)
Ambient Temp. Max. 175°F (79°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - EPC

PHSC-280-EPC – ALARM TEMP. 280°F (138°C)
Ambient Temp. Max. 200°F (93°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - XCR

PHSC-280-XCR – ALARM TEMP. 280°F (138°C)
Ambient Temp. Max. 200°F (93°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - LSZH

PHSC-280-LSZH – ALARM TEMP. 280°F (138°C)
Ambient Temp. Max. 200°F (93°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - EPC

PHSC-356-EPC – ALARM TEMP. 356°F (180°C)
Ambient Temp. Max. 221°F (105°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - XCR

PHSC-356-XCR – ALARM TEMP. 356°F (180°C)
Ambient Temp. Max. 250°F (121°C) – Min. -40°F (-40°C)

PROTECTOWIRE PHSC - LSZH

PHSC-356-LSZH – ALARM TEMP. 356°F (180°C)
Ambient Temp. Max. 221°F (105°C) – Min. -40°F (-40°C)

PROTECTOWIRE PLR-CR

PLR-500CR – ALARM TEMP. 500°F (260°C)
Ambient Temp. Max. 392°F (200°C) – Min. -40°F (-40°C)

Protectowire Confirmed Temperature Initiation (CTI) Linear Heat Detector Temperature Ratings



Outer Jacket Materials

EPC: PVC

XLT: Proprietary Polymer

PLR-R: Thermoplastic Elastomer LSZH: Low Smoke Zero Halogen

XCR: Fluoropolymer

PROTECTOWIRE TYPE CTI-XLT

CTI-135-XLT – ALARM TEMP. 135°F (57°C)

Ambient Temp. Max. 100°F (38°C) – Min. -60°F (-51°C)

PROTECTOWIRE TYPE CTI-LSZH

CTI-135-LSZH – ALARM TEMP. 135°F (57°C)

Ambient Temp. Max. 100°F (38°C) – Min. -40°F (-40°C)

PROTECTOWIRE TYPE CTI

CTI-155 – ALARM TEMP. 155°F (68°C)

Ambient Temp. Max. 115°F (46°C) – Min. -40°F (-40°C)

PROTECTOWIRE TYPE CTI-X

CTI-155X – ALARM TEMP. 155°F (68°C)

Ambient Temp. Max. 115°F (46°C) – Min. -40°F (-40°C)

PROTECTOWIRE TYPE CTI-LSZH

CTI-155-LSZH – ALARM TEMP. 155°F (68°C)

Ambient Temp. Max. 115°F (46°C) – Min. -40°F (-40°C)

PROTECTOWIRE TYPE CTI

CTI-190 – ALARM TEMP. 190°F (88°C)

Ambient Temp. Max. 150°F (66°C) – Min. -40°F (-40°C)

PROTECTOWIRE TYPE CTI-X

CTI-190X – ALARM TEMP. 190°F (88°C)

Ambient Temp. Max. 150°F (66°C) – Min. -40°F (-40°C)

PROTECTOWIRE TYPE CTI-LSZH

CTI-190-LSZH – ALARM TEMP. 190°F (88°C)

Ambient Temp. Max. 150°F (66°C) – Min. -40°F (-40°C)

PROTECTOWIRE TYPE CTI

CTI-220 – ALARM TEMP. 220°F (105°C)

Ambient Temp. Max. 175°F (79°C) – Min. -40°F (-40°C)

PROTECTOWIRE TYPE CTI-X

CTI-220X – ALARM TEMP. 220°F (105°C)

Ambient Temp. Max. 175°F (79°C) – Min. -40°F (-40°C)

PROTECTOWIRE TYPE CTI-LSZH

CTI-220-LSZH – ALARM TEMP. 220°F (105°C)

Ambient Temp. Max. 175°F (79°C) – Min. -40°F (-40°C)

PROTECTOWIRE TYPE CTI

CTI-280 – ALARM TEMP. 280°F (138°C)

Ambient Temp. Max. 200°F (93°C) – Min. -40°F (-40°C)

PROTECTOWIRE TYPE CTI-X

CTI-280X – ALARM TEMP. 280°F (138°C)

Ambient Temp. Max. 200°F (93°C) – Min. -40°F (-40°C)

PROTECTOWIRE TYPE CTI-LSZH

CTI-280-LSZH – ALARM TEMP. 280°F (138°C)

Ambient Temp. Max. 200°F (93°C) – Min. -40°F (-40°C)

PROTECTOWIRE TYPE CTI

CTI-356 – ALARM TEMP. 356°F (180°C)

Ambient Temp. Max. 221°F (105°C) – Min. -40°F (-40°C)

PROTECTOWIRE TYPE CTI-X

CTI-356X – ALARM TEMP. 356°F (180°C)

Ambient Temp. Max. 250°F (121°C) – Min. -40°F (-40°C)

PROTECTOWIRE TYPE CTI-LSZH

CTI-356-LSZH – ALARM TEMP. 356°F (180°C)

Ambient Temp. Max. 221°F (105°C) – Min. -40°F (-40°C)

Note: Colors shown are for illustrative purposes only. Actual jacket colors may vary