

Certificate of Compliance

Certificate Number:

R11251

Report Reference:

1993-12-14-R11251

Issue Date:

2024-02-13

Issued to:

NVENT THERMAL CANADA LTD
250 West St
Trenton, ON K8V 5S2 Canada

This certificate confirms that representative samples of:

Fire-resistive Cable

**Pyrotenax Brand Model System 1850 and System 1850Z
Mineral Insulated (MI) cable for use in System No. 1850 and
1850T**

Has been evaluated by UL LLC in accordance with Standard(s) for Safety:

ANSI/UL 2196, Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables, Edition 2.

CAN/ULC-S139, Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables, Edition 3.

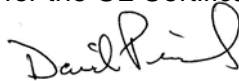
Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



David Piecuch
UL Mark Certification Program Owner

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.



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USC

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No. of Conductors	AWG/kcmil Size
Pyrotenax Model System 1850 Type MI (Mineral Insulated - Copper Sheathed) and Model System 1850Z Type MI (Mineral Insulated - Jacketed) for use in System No. FHIT. 1850 , FRR 2h, Maximum 600 VAC (line-to-line) when installed in accordance with manufacturer's installation instructions H57864 dated Aug 2023 and H59479 dated Nov 2018.	
1	10+, 8+, 6, 4, 3, 2, 1, 1/0, 2/0, 3/0, 4/0, 250, 350, 500
2	16, 14, 12, 10, 8, 6, 4, 3, 2, 1
3	16, 14, 12, 10, 8, 6, 4, 3
4	16, 14, 12, 10, 8, 6
7	16, 14, 12, 10, 8
Pyrotenax Model System 1850 Type MI (Mineral Insulated - Copper Sheathed) and Model System 1850Z Type MI (Mineral Insulated - Jacketed) for use in System No. FHIT. 1850T , FRR 1h, Maximum 600 VAC (line-to-line) when installed in accordance with manufacturer's installation instructions H57864 dated Aug 2023, H60149 dated Sep 2018, and H60459 dated Oct 2018.	
2	14, 12, 10, 8, 6, 4, 3, 2, 1
3	14, 12, 10, 8, 6, 4, 3
4	14, 12, 10, 8, 6
7	14, 12, 10, 8

+NOTE: Cable model system 1850Z does not include the jacketed version of the 2/16T, 2/18T, 1/10 and 1/8 cables and are not fire rated.



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This certificate confirms that representative samples of:

Fire-resistive Cable

**Pyrotenax Brand Model System 1850 and System 1850Z
Mineral Insulated (MI) cable for use in System No. 1850 and
1850T**

Has been evaluated by ULC Inc. in accordance with Standard(s) for
Safety:

**ANSI/UL 2196, Fire Test for Circuit Integrity of Fire-
Resistive Power, Instrumentation, Control and Data Cables,
Edition 2.**

**CAN/ULC-S139, Fire Test for Circuit Integrity of Fire-
Resistive Power, Instrumentation, Control and Data Cables,
Edition 3.**

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional
information.

This Certificate of Compliance indicates that representative samples of
the product described in the certification report have met the
requirements for UL certification. It does not provide authorization to
apply the ULC Mark. Only the Authorization Page that references the
Follow-Up Services Procedure for ongoing surveillance provides
authorization to apply the ULC Mark.

Only those products bearing the ULC Mark should be considered as
being ULC Certified and covered under UL's Follow-Up Services.

Look for the ULC Certification Mark on the product.



Gunsimar Paintal
ULC Mark Certification Program Manager
Underwriters Laboratories of Canada Inc

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CNL

No. Conductors	of AWG/kcmil Size
Pyrotenax Model System 1850 Type MI (Mineral Insulated - Copper Sheathed) and Model System 1850Z Type MI (Mineral Insulated - Jacketed) for use in System No. FHIT7. 1850, FRR 2h, Maximum 600 VAC (line-to-line) when installed in accordance with manufacturer's installation instructions H57864 dated Aug 2023 and H59479 dated Nov 2018.	
1	10+, 8+, 6, 4, 3, 2, 1, 1/0, 2/0, 3/0, 4/0, 250, 350, 500
2	16, 14, 12, 10, 8, 6, 4, 3, 2, 1
3	16, 14, 12, 10, 8, 6, 4, 3
4	16, 14, 12, 10, 8, 6
7	16, 14, 12, 10, 8
Pyrotenax Model System 1850 Type MI (Mineral Insulated - Copper Sheathed) and Model System 1850Z Type MI (Mineral Insulated - Jacketed) for use in System No. FHIT7. 1850, FRR 2h, Maximum 120 VAC (line-to-line) when installed in accordance with manufacturer's installation instructions H57864 dated Aug 2023 and H59479 dated Nov 2018.	
2T (Twisted)	18+, 16+
2TS (Shielded Twisted)	18, 16
Pyrotenax Model System 1850 Type MI (Mineral Insulated - Copper Sheathed) and Model System 1850Z Type MI (Mineral Insulated - Jacketed) for use in System No. FHIT7. 1850T, FRR 1h, Maximum 600 VAC (line-to-line) when installed in accordance with manufacturer's installation instructions H57864 dated Aug 2023, H60149 dated Sep 2018, and H60459 dated Oct 2018.	
2	14, 12, 10, 8, 6, 4, 3, 2, 1
3	14, 12, 10, 8, 6, 4, 3
4	14, 12, 10, 8, 6
7	14, 12, 10, 8

+NOTE: Cable model system 1850Z does not include the jacketed version of the 2/16T, 2/18T, 1/10 and 1/8 cables and are not fire rated.

