

CERTIFICATE OF CONFORMITY



1. FIRE PROTECTION EQUIPMENT

2. Certificate No: FM24US0222
3. Equipment:
(Type Reference and Name) Model MPA(FM) Series Controllers for High Voltage Electric Motor Driven Fire Pumps
4. Name of Listing Company: TornaTech Inc
5. Address of Listing Company: 4100 Desserte Sud, (A-440 Ouest) Laval, Quebec H7T 0H3, Canada
6. The examination and test results are recorded in confidential report number:

3032642 dated 1st July 2010

7. FM Approvals LLC, certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

FM 1321, 1323: 2024

8. This certificate relates to the design, examination and testing of the products specified herein. The FM Approvals surveillance audit program has further determined that the manufacturing processes and quality control procedures in place are satisfactory to manufacture the product as examined, tested and Approved.

9. Approval Guide Listing Category:

Fire Pump Controllers, Full Service Electric Motors

Certificate issued by:

J.E. Marquedant
VP, Manager - Electrical Systems

2 October 2025

Date

To verify the availability of the Approved product, please refer to www.approvalguide.com

THIS CERTIFICATE MAY ONLY BE REPRODUCED IN ITS ENTIRETY AND WITHOUT CHANGE

FM Approvals LLC. One Technology Way, Norwood, MA 02062 USA

T: +1 (1) 781 762 4300 F: +1 (1) 781 762 9375 E-mail: information@fmaprovals.com www.fmaprovals.com

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10. Description of Equipment:

Approved locations:

Design	Manufacturing
Tornatech Inc 4100 Desserte Sud, (A-440 Quest) Laval, QC H7T 0H3 Canada	Tornatech Inc 4100 Desserte Sud, (A-440 Quest) Laval, QC H7T 0H3 Canada Tornatech FZE PO Box 18435 Plot No S10131, Jebel Ali South Dubai AE Tornatech Europe SA Rue des Sablières numéro 45 Unité 68 Mont-Saint-Guibert 1435, Belgium

See Annex for product description

11. Test and Assessment Procedure and Conditions:

This Certificate has been issued in accordance with FM Approvals US Certification Requirements.

12. Schedule Drawings

A copy of the technical documentation has been kept by FM Approvals.

13. Certificate History

Details of the supplements to this certificate are described below:

Date	Description
1 July 2010	Original Issue.
5 November 2010 to 6 October 2017	<u>Supplement 1 - 5:</u> Report references: 3040606, 3041613, 3042760, 3056317, 3062336 dated 5 November 2010 to 6 October 2017 - Change(s): Samples of MPA Series high voltage electric motor driven fire pump controllers with alternate components related to these MPA series were submitted for examination and testing.

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Date	Description
13 October 2020	<u>Supplement 6:</u> Report Reference: RR225229 dated 13 October 2020. Description of the Change(s): Approval of GPx, GPD, MPA Series with alternate control.
22 June 2023	<u>Supplement 7:</u> Report Reference: PR465046 dated 22 June 2023. Description of the Change(s): Add alternate pressure transducer.
1 November 2024	<u>Supplement 8:</u> Report Reference: RR243289 dated 1 November 2024. Description of the Change(s): Update format and TornaTech FZE address per PR469137.
2 October 2025	<u>Supplement 9:</u> Report Reference: RR247934 dated 2 October 2025. Description of the Change(s): Add optional cellular antenna which was evaluated in project PR472576. Standard FM1321,1323:2018 was updated to the latest revision (2024) because there were no technical changes between the revisions.

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ANNEX

Model MPA

Description of Equipment:

Model MPA-a/(b or cKW)/d/e Electric Motor Fire Pump Controller - High Voltage

Standard Enclosure: NEMA/UL Type 2. Optional Enclosures: NEMA/UL Types 3, 3R, 4, 4X, 12

Ambient Temperature Operating Range: 39°F (4°C) to 104°F (40°C)

a = Voltage, VAC	b = Horsepower	c = Kilowatt (For motors rated in KW)
2200, 2300, 3000, 3300, 4000, 4160, 4800, 5000, 5500, 6000, 6300, 6600, 6900, 7200	2200-5000V – any HP up to a maximum FLA of 333A 5500-7200V - any HP up to a maximum FLA of 360A	2200-5000V – any KW up to a maximum FLA of 333A 5500-7200V - any KW up to a maximum FLA of 360A

d = Number of Phases	e = Frequency
3 - Three Phase System	50 - 50 Hz 60 - 60 Hz

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Model MPAFM

Description of Equipment:

Model MPAFM-a/(b or cKW)/d/e Electric Motor Fire Pump Controller - High Voltage, FM Approved Only

Standard Enclosure: NEMA/UL Type 2. Optional Enclosures: NEMA/UL Types 3, 3R, 4, 4X, 12

Ambient Temperature Operating Range: 39°F (4°C) to 104°F (40°C)

a = Voltage, VAC	b = Horsepower	c = Kilowatt (For motors rated in KW)
2200, 2300, 3000, 3300, 4000, 4160, 4800, 5000, 5500, 6000, 6300, 6600, 6900, 7200	2200-5000V – any HP up to a maximum FLA of 333A 5500-7200V - any HP up to a maximum FLA of 360A	2200-5000V – any KW up to a maximum FLA of 333A 5500-7200V - any KW up to a maximum FLA of 360A

d = Number of Phases	e = Frequency
3 - Three Phase System	50 - 50 Hz
	60 - 60 Hz

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