

CERTIFICATE OF COMPLIANCE

Certificate Number E332693
Report Reference E332693-20110309
Issue Date 2019-DECEMBER-12

Issued to: ABB Automation Products GmbH
Eppelheimer Str. 82
69123 Heidelberg GERMANY

This certificate confirms that representative samples of PROGRAMMABLE CONTROLLERS FOR USE IN HAZARDOUS LOCATIONS

See Addendum Page for Models

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

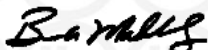
Standard(s) for Safety: ANSI/ISA-12.12.01 & CAN/CSA C22.2 No. 213-16, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure 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.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Programmable Controllers and modules, open type, AC500 and S500 Series, all may be followed by –XC, for use in Class I, Division 2, Groups A, B, C and D Hazardous Locations.

Programmable Controllers:

Models AC500 and S500 Series, all may be followed by –XC, basically consisting of Terminal Base:

Models TB511-ARCNET, TB511-ETH, TB 711F, TB521-ARCNET, TB521-ETH, TB541-ARCNET, TB541-ETH.

Terminal Unit:

Models: TU505, TU 705F, TU506, TU 706F, TU515, TU 715F, TU516 TU516-H, TU531, TU532 TU532-H, TU542, TU542-H, TU552-CS31, TU551-CS31, TU 716F, TU 731F, TU 732F, TU507-ETH, TU508-ETH, TU520-ETH, TU510, TU 710F, TU582-S, TU518, TU509, TU 709F, TU517.

Models: TB5600-2ETH, TB5610-2ETH, TB5620-2ETH, TB5640-2ETH and TB5660-2ETH

CPU Unit:

Models PM571, PM572, PM573 could be followed by ETH or ARCNET, PM581, PM 783F, PM582 may be followed by –ARCNET or –ETH, EC581-ARCNET, PM590 may be followed by –ARCNET or –ETH, PM591 may be followed by –ARCNET or –ETH; PM592 may be followed by –ARCNET or –ETH, PM595-4ETH may be followed by –F or –M, PM583 and EC583 may be followed by –ETH or –ARCNET, BCU06-ETH, SM560-S, SM560-S-FD1, SM560-S-FD4.

Models PM5630-2ETH, PM5650-2ETH, PM5670-2ETH, and PM5675-2ETH

Communication Coupler Modules:

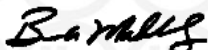
Models CM572-DP, CM 772F, CM575-DN, CM574-RS, CM574-RCOM, CM577-ETH, CM579-PNIO, CM579-ETHCAT, CM578-CN, CM588-CN, CM579-PNIO, CM597-ETH, CM589-PNIO, CM589-PNIO-x, x maybe followed by additional digits, CM582-DP, CM592-DP, CM598-CN, CM550-DDCS.

Analog Input/Output Modules:

Models AX522, AX 722F, AX521, AX 721F, AO523, AO 723F, AI523, AI531, AI 731F, AI 723F, AC522, AC 722F, AI581-S.

Digital Input/Output Modules:

Models DX522, DX 722F, DX531, DX 731F, DC532, DA501, CI502-PNIO, CI522-MODTCP, CI542-DP, CI582-CN, CI512-ETHCAT, DC 732F, DC541-CM, DC523, DC 723F, DC522, DC 722F, DA 701F, CD522, CD 722F, DX581-S, DA502;



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Digital Input Modules:
Models DI524, DI 724F.

Decentral I/O Modules:
Models: DC505-FBP, DC 705F, DC551-CS31, DC551-08L1 or CI590-CS31.

Analog and Digital Input/Output Modules:
Models CI592-CS31, CI501-PNIO, CI511-ETHCAT, CI521-MODTCP, CI541-DP, CI 741-F, CI581-CN.

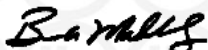
Decentral Communication Modules:
Models CI504-PNIO, CI506-PNIO.

Digital Output Module:
Model DO524, DO526.

Digital Input Module:
Model DI581-S.

Terminal Functions (Base Board) – Modules:
Models TF501, TF521.

I/O Unit Module:
Model: FM502-CMS.



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