

CERTIFICATE OF COMPLIANCE

Certificate Number E327452
Report Reference E327452-20161219
Date 2022-November-11

Issued to: SMC CORP
TSUKUBA TECHNICAL CENTER
4-2-2 KINUNODAI
TSUKUBAMIRAI-SHI IBARAKI-KEN 300-2493 JP

This is to certify that
representative samples of

VALVES, ELECTRIC FOR USE IN HAZARDOUS
LOCATIONS - COMPONENT

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: See Addendum Page for Standards of Safety

Additional Information: See the UL Online Certifications Directory 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 Recognized Component 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 Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.


Deborah Jennings-Conner, VP Regulatory Services

UL LLC

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USR, CNR – Class I, Groups A, B, C, D Hazardous Locations.

Intrinsically Safe 5 Port Solenoid Valve, Series 53-SY followed by 5, 7, or 9; followed by 1, 2, 3, 4, or 5; followed by 40, or 40R; followed by L or LL; followed by 3, 6, 10, 15, 20, 30, or 100; may be followed by D or E; may be followed by 02, 03, 04; may be followed by F, N, or T; may be followed by X5; intrinsically safe when installed per drawing No. 53-SY-OMU0001.

Intrinsically Safe 3 Port Solenoid Valve, Series 53-SY followed by 5; followed by A, B, or C; followed by 40; followed by L or LL; followed by 3, 6, 10, 15, 20, 30 or 100; may be followed by D or E; may be followed by 02; may be followed by F, N or T; may be followed by X5; intrinsically safe when installed per drawing No. 53-SY-OMU0001.

USR, CNR – Class I, Groups A, B, C, D; Class II, Groups E, F, G; Class III Hazardous Locations.

Intrinsically Safe 5 Port Solenoid Valve, Series 53-SY followed by 5, 7, or 9; followed by 1, 2, 3, 4, or 5; followed by 40, or 40R; followed by TT; followed by 3, 6, 10, 15, 20, 30, or 100; may be followed by D or E; may be followed by 02, 03, 04; may be followed by F, N, or T; may be followed by X5; intrinsically safe when installed per drawing No. 53-SY-OMU0001.

Intrinsically Safe 3 Port Solenoid Valve, Series 53-SY followed by 5; followed by A, B, or C; followed by 40; followed by TT; followed by 3, 6, 10, 15, 20, 30 or 100; may be followed by D or E; may be followed by 02; may be followed by F, N or T; may be followed by X5; intrinsically safe when installed per drawing No. 53-SY-OMU0001.

Standard(s) for Safety

Standard No. UL 429, 6th Ed., Revised March 19, 2021, Electrically Operated Valves

Standard No. UL 913, 8th Ed., Rev. 2013-12-06, Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations

Standard No. CSA C22.2 No. 139-1982 (R2005), Electrically Operated Valves

Standard No. CAN/CSA C22.2 No. 157-92, Rev. 2003-06, Intrinsically Safe and Non-incendive Equipment for Use in Hazardous Locations

Deborah Jennings-Conner
Deborah Jennings-Conner, VP Regulatory Services

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