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Schedule

TYPE EXAMINATION CERTIFICATE No.

DEMKO 12 ATEX 1114875X Rev. 14

Cat. No. IS220PPROH1A with Cat. Nos IS200SPROH1A, IS200SPROH2A, IS200TPROH1C, IS200TPROH2C, IS200TREAH1A, IS200TREAH3A:

Power Supply: 28 V dc, 0.37 A dc
(SPRO,TPRO, TREA) designates the ratings associated with the specific Cat. No. terminal board
PT In (SPRO/TPRO): 0 to 138 V ac, 5 to 66 Hz
Speed In (SPRO/TPRO/TREA): -15 to +15 V dc
Speed Sensor Power Out (TPRO): 24 V dc, 25 mA dc
Voltage In (TREA): 16 to 140 V dc
E-stop In (TREA): 18 to 140 V dc
Contact Out (TREA): 28 V dc, 7 A dc

Cat. No. IS220YPROS1A with Cat. Nos. IS200SPROS1A, IS200TPROS1C, IS200TPROS2C, IS200TREAS1A:

Power Supply: 28 V dc, 0.37 A dc
(SPRO,TPRO, TREA) designates the ratings associated with the specific Cat. No. terminal board
PT In (SPRO/TPRO): 0 to 138 V ac, 5 to 66 Hz
Speed In (SPRO/TPRO/TREA): -15 to +15 V dc
Speed Sensor Power Out (TPRO): 24 V dc, 25 mA dc
Voltage In (TREA): 16 to 140 V dc
E-stop In (TREA): 18 to 140 V dc
Contact Out (TREA): 28 V dc, 7 A dc

Cat. No. IS210BAPAH1A with Cat. No. IS210SAMBH1A:

Power Supply: 28 V dc, 0.5 A dc
Pressure In: 12 to 18.5 V dc
Sensor Power Out: 12 to 18.5 Vdc, 2.9 to 4.3 mAdc
Buffered Out: -10 to +10 V dc, 5 mA dc

Routine tests:

None.

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Descriptive Documents

The scheduled drawings are listed in the report no. provided under item no. [8] on page 1 of this Type Examination Certificate.

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Special Conditions of Use:

- Provision shall be made to prevent the rated voltage from being exceeded by transient disturbances of more than 140% of the rated voltage.
- This equipment shall be mounted in an ATEX Zone 2 certified enclosure with a minimum ingress protection rating of at least IP54 (as defined in EN 60529) and used in an environment of not more than Pollution Degree 2 (as defined in EN 60664-1).
- This equipment shall be powered by a switched-mode power supply (SMPS) that is certified for the applicable location and has its output current limited to 20 A maximum, and has the features listed for Vendor Manufactured Control Power supplies in GEH-6721_Vol_II, Mark Vle Control, Volume II System Hardware Guide.
- This equipment shall be powered through a power distribution board that is certified for the applicable classified location.
- Mark Vle Cat Nos. IS220PTCCH1A, IS220YTCCS1A, IS220PRTDH1A, IS220PCLAH1A must contain the following installation conditions:
 1. The maximum cable length connecting each thermocouple to the device shall not exceed 1000 feet.
 2. Only resistive simple apparatus, such as thermocouples shall be connected.
 3. Each cable used to connect the simple apparatus must have suitable insulation as required by the applicable local electrical codes.

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Essential Health and Safety Requirements

The Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9.

