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CSA\\ \title{
CSA \\ \\ GROUP ${ }^{\text {" }}$ \\ \\ GROUP ${ }^{\text {" }}$ \\ \\ Certificate of Compliance
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}

Certificate: 70014336
Project: 70202617
Issued to: Flowserve/PMV Automation AB
Korta Gatan 9
Solna, 17154
SWEDEN
Attention: Mats Ragnarsson

Master Contract: 176847
Date Issued: 2019-03-14

> The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.


## PRODUCTS

CLASS - C225802 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations-
Class I, Division 1, Groups B,C,D; Class II, Division 1, Groups E, F, G; Class III.
-Ultraswitch DS/DM switch box with suffixes: DS/DMxxxxxxxxxxxx, rated based on the type of limit switches installed inside with maximum ratings of 10 A at $125 / 250 \mathrm{Vac}$, see table below. Aluminum or Stainless Steel Enclosure Type 4 X ; Tamb: $-55^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}$; T4.

CLASS - C225882 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations - Certified to US Standards
Class I, Division 1, Groups A,B,C,D; Class II, Division 1, Groups E, F, G; Class III.
-Ultraswitch DS/DM switch box with suffixes: DS/DMxxxxxxxxxxxx, rated based on the type of limit switches installed inside with maximum ratings of 10 A at $125 / 250 \mathrm{Vac}$, see table below. Aluminum or Stainless Steel Enclosure Type 4 X ; Tamb: $-55^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}$; T 4 .

Notes: Suffixes denote mechanical, variations and switch ratings.

Certificate: 70014336
Master Contract: 176847
Project: 70202617
Date Issued: 2019-03-14

Switch types and their ratings are showed in this table:

| No | Type | Contact Rating | Ambient temperature ratings |
| :---: | :---: | :---: | :---: |
| F9 | IFM IN0097 20 (IN-2002ABOA)250V AC/DC NO 2Wire | 20-250 V, max.5mA | $-25^{\circ} \mathrm{C}$ to $+80^{\circ} \mathrm{C}$ |
| FK | IFM NS5002 (Inductive Proximity Switch) | $\begin{aligned} & \text { Vmax }=15 \mathrm{~V}, \mathrm{Imax}=50 \mathrm{~mA}, \mathrm{Ci}= \\ & 80 \mathrm{nF}, \mathrm{Li}=110 \mathrm{uH} \end{aligned}$ | Max. Amb. $70^{\circ} \mathrm{C} / \mathrm{T} 6$ Max. Amb. $80^{\circ} \mathrm{C} / \mathrm{T} 5$ |
| M1 | SPDT Mechanical switches $150^{\circ} \mathrm{C}$ (V7-1C17D8-201) | $\begin{aligned} & 125 / 250 \mathrm{Vac} 10 \mathrm{~A}, 125 \mathrm{Vdc} \\ & 0.5 \mathrm{~A}, 250 \mathrm{Vdc} 0.25 \mathrm{~A} \\ & \hline \end{aligned}$ | $-40^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}$ |
| MC | SPDT Mechanical switches <br> $150^{\circ} \mathrm{C}$ (V7-1C13D8-201) | $\begin{aligned} & 125 / 250 \mathrm{Vac} 10 \mathrm{~A}, 125 \mathrm{Vdc} \\ & 0.5 \mathrm{~A}, 250 \mathrm{Vdc} 0.25 \mathrm{~A} \\ & \hline \end{aligned}$ | $-40^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}$ |
| MG | SPDT Mechanical - Gold Contacts (V7-1D19D8-201) | $1 \mathrm{~A} @ 125 \mathrm{Vac}$ | $-40^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}$ |
| MK | Essen- SPSP | Vmax $=250 \mathrm{~V}, \mathrm{Imax}=15 \mathrm{~A}$, | Max. Amb. $60^{\circ} \mathrm{C}$ |
| N1 | P\&F NJ4-12GM40-E Proximity 3-wire NPN NO 1060 VDC | 10-60 V, max. 200 mA , | $-25^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}$ |
| N3 | P\&F SJ3.5-S1N (NAMUR) | NAMUR standard 8Vdc, $\leq 1 \mathrm{~mA}(\mathrm{w} /$ target $) \geq 3 \mathrm{~mA}$ (w/out target) | $-25^{\circ} \mathrm{C}$ to $+100^{\circ} \mathrm{C}$ |
| N8 | P\&F NJ2 V3 N (NAMUR) | ```NAMUR standard 5-25Vdc, \leq1mA(w/ target) \geq3mA(w/out target)``` | $-25^{\circ} \mathrm{C}$ to $+100^{\circ} \mathrm{C}$ |
| N9 | P\&F NBB3-V3-Z4 | Max.100mA, 5-60 V | $-25^{\circ} \mathrm{C}$ to $+100^{\circ} \mathrm{C}$ |
| NA | P\&F NBN4-12GM40-E2 <br> Inductive. 3 wires PNP NO 1030VDC | NAMUR standard <br> 8.2 Vdc , <br> $\leq 1 \mathrm{~mA}(\mathrm{w} /$ target $) \geq 3 \mathrm{~mA}$ (w/out target) | $-25^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}$ |
| ND | P\&F NCB2-12GM40-Z1 <br> Proximity inductive 2-wire DC NC | 5-60 V, max. 100 mA , | $-25^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}$ |
| NE | P\&F NCB2-12GM35-N0 <br> NAMUR with LED | NAMUR standard 8 Vdc , $\leq 1 \mathrm{~mA}(\mathrm{w} /$ target $) \geq 3 \mathrm{~mA}$ (w/out target) | $-25^{\circ} \mathrm{C}$ to $+100^{\circ} \mathrm{C}$ |
| NF | P\&F NCN4-12GM35-N0 <br> NAMUR with LED | ```NAMUR standard 8.2Vdc, \leq1mA(w/ trget) \geq3mA(w/out target)``` | $-25^{\circ} \mathrm{C}$ to $+100^{\circ} \mathrm{C}$ |

Certificate: 70014336
Master Contract: 176847
Project: 70202617
Date Issued: 2019-03-14

| No | Type | Contact Rating | Ambient temperature ratings |
| :---: | :---: | :---: | :---: |
| NG | NJ5-11-N-G | $\begin{array}{\|l\|} \hline \text { NAMUR standard } \\ 8.2 \mathrm{Vdc}, \\ \leq 1 \mathrm{~mA}(\mathrm{w} / \text { target }) \geq 3 \mathrm{~mA}(\mathrm{w} / \text { out } \\ \text { target }) \\ \hline \end{array}$ | $-25^{\circ} \mathrm{C}$ to $+100^{\circ} \mathrm{C}$ |
| NK | P\&F NCN4-12GM40-Z0 <br> Proximity 2-wire DC NO | 5-60 V, max. 100 mA , | $-25^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}$ |
| NM | NJ2-11-SN-G | $\begin{aligned} & \text { NAMUR standard } \\ & 5-25 \mathrm{Vdc}, \\ & \leq 1 \mathrm{~mA}(\mathrm{w} / \text { target }) \geq 3 \mathrm{~mA}(\mathrm{w} / \text { out } \\ & \text { target }) \\ & \hline \end{aligned}$ | $-40^{\circ} \mathrm{C}$ to $+100^{\circ} \mathrm{C}$ |
| NP | P\&F SJ3.5-N (NAMUR) | NAMUR standard $5-25 \mathrm{Vdc}$, $\leq 1 \mathrm{~mA}(\mathrm{w} /$ target $) \geq 3 \mathrm{~mA}(\mathrm{w} /$ out target $)$ | $-25^{\circ} \mathrm{C}$ to $+100^{\circ} \mathrm{C}$ |
| NQ | P\&F NJ4-12GK-N (NAMUR) | $\begin{aligned} & \text { NAMUR standard } \\ & 5-25 \mathrm{Vdc}, \\ & \leq 1 \mathrm{~mA}(\mathrm{w} / \text { target }) \geq 3 \mathrm{~mA}(\mathrm{w} / \text { out } \\ & \text { target }) \\ & \hline \end{aligned}$ | $-25^{\circ} \mathrm{C}$ to $+100^{\circ} \mathrm{C}$ |
| NR | NJ4-12GM40-E1, NPN NC | 10-60 V, Max.200mA | $-25^{\circ} \mathrm{C}$ to $+75^{\circ} \mathrm{C}$ |
| NS | NJ4-12GM40-E2, PNP NO | 10-60 V, Max.200mA | $-25^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}$ |
| NT | NJ4-12GK40-E2, PNP NO | 10-60 V, Max.200mA | $-25^{\circ} \mathrm{C}$ to $+70^{\circ} \mathrm{C}$ |
| NW | P\&F SJ3.5-SN (NAMUR) | NAMUR standard 8Vdc, $\leq 1 \mathrm{~mA}(\mathrm{w} /$ target $) \geq 3 \mathrm{~mA}$ (w/out target) | $-50^{\circ} \mathrm{C}$ to $+100^{\circ} \mathrm{C}$ |
| P5 | SPDT Proximity Hamlin 59150-3-S-02-F | $\begin{aligned} & 120 \mathrm{Vac} 0.25 \mathrm{~A}, \\ & 28 \mathrm{Vdc} 0.25 \mathrm{~A} \end{aligned}$ | $-40^{\circ} \mathrm{C}$ to $+150^{\circ} \mathrm{C}$ |
| PE | Flowserve Sabre SPDT Proximity | 120 Vac 1 A <br> 24 Vdc 1 A | $-40^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}$ |
| PP | Flowserve Phazer SPDT Proximity | $\begin{aligned} & 120 \mathrm{Vac} 3 \mathrm{~A} \\ & 24 \mathrm{Vdc} 2 \mathrm{~A} \end{aligned}$ | $-40^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}$ |
| PT | Flowserve Phazer BRS SPST Proximity | $\begin{aligned} & 120 \mathrm{Vac} 3 \mathrm{~A} \\ & 24 \mathrm{Vdc} 0.5 \mathrm{~A} \end{aligned}$ | $-40^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}$ |

CLASS - 225803 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems - For Hazardous Locations
CLASS - 225883 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe and Non-Incendive Systems For Hazardous Locations - CERTIFIED TO U.S. STANDARDS

Class I, Division 2, Groups A,B,C and D; Cl. II, Gps E, F and G; Cl. III;
-Ultraswitch DS/DM switch box with suffixes: DS/DMxxxxxxxxxxxx, rated based on the type of limit switches installed inside with non incendive entity parameters as shown in table below. Aluminum or Stainless Steel Enclosure Type 4X;

Certificate: 70014336
Master Contract: 176847
Project: 70202617
Date Issued: 2019-03-14

Notes: Suffixes denote mechanical, variations and switch ratings.
Switch types and their ratings are showed in this table, refer to submittor's installation drawing IIC-58C for installation instructions:

| No | Type | Non Incendive Entity Parameters | Ambient temperature ratings |
| :---: | :---: | :---: | :---: |
| FK | IFM NS5002 <br> (Inductive Proximity Switch) | $\begin{aligned} & \text { Vmax }=15 \mathrm{~V}, \operatorname{Imax}=50 \mathrm{~mA}, \mathrm{Ci}=80 \mathrm{nF}, \mathrm{Li}= \\ & 110 \mathrm{uH} \end{aligned}$ | $\begin{aligned} & \text { Max. Amb. } 70^{\circ} \mathrm{C} / \mathrm{T} 6 \\ & \text { Max. Amb. } 80^{\circ} \mathrm{C} / \mathrm{T} 5 \end{aligned}$ |
| N8 | $\begin{aligned} & \text { P\&F NJ2 V3 N } \\ & \text { (NAMUR) } \end{aligned}$ | $\begin{aligned} & \text { Vmax }=16 \mathrm{~V}, \mathrm{Imax}=52 \mathrm{~mA}, \mathrm{Pi}+169 \mathrm{~mW}, \mathrm{Ci}= \\ & 40 \mathrm{nF}, \mathrm{Li}=50 \mathrm{uH} \end{aligned}$ | Max. Amb. $60^{\circ} \mathrm{C} / \mathrm{T} 5$ <br> Max. Amb. $45^{\circ} \mathrm{C} / \mathrm{T} 6$ |
| NS | $\begin{aligned} & \text { P\&F NJ4-12GM40- } \\ & \text { E2 (NAMUR) } \end{aligned}$ | $\begin{aligned} & \text { Vmax }=16 \mathrm{~V}, \mathrm{Imax}=52 \mathrm{~mA}, \mathrm{Pi}=169 \mathrm{~mW}, \mathrm{Ci}= \\ & 40 \mathrm{nF}, \mathrm{Li}=50 \mathrm{uH} \end{aligned}$ | Max. Amb. $60^{\circ} \mathrm{C} / \mathrm{T} 5$ |
| NT | P\&F NJ4-12GK40- <br> E2 (NAMUR) | $\begin{aligned} & \text { Vmax }=16 \mathrm{~V}, \operatorname{Imax}=52 \mathrm{~mA}, \mathrm{Pi}=169 \mathrm{~mW}, \mathrm{Ci}= \\ & 40 \mathrm{nF}, \mathrm{Li}=50 \mathrm{uH} \end{aligned}$ | Max. Amb. $60^{\circ} \mathrm{C} / \mathrm{T} 5$ |
| P4 | Aleph - PS6132 | $\begin{aligned} & \text { Vmax }=28 \mathrm{~V}, \mathrm{Imax}=45 \mathrm{~mA}, \mathrm{Pi}=315 \mathrm{~mW}, \mathrm{Ci}=1 \\ & \mathrm{nF}, \mathrm{Li}=1 \mathrm{uH} \end{aligned}$ | Max. Amb. $40^{\circ} \mathrm{C} / \mathrm{T} 4$ |
| P5 | $\begin{aligned} & \text { Hamlin- 59135-030 } \\ & \text { Or } \\ & 59150-030 \end{aligned}$ | $\begin{aligned} & \mathrm{Vmax}=28 \mathrm{~V}, \operatorname{Imax}=45 \mathrm{~mA}, \mathrm{Pi}=315 \mathrm{~mW}, \mathrm{Ci}=1 \\ & \mathrm{nF}, \mathrm{Li}=1 \mathrm{uH} \end{aligned}$ | Max. Amb. $60^{\circ} \mathrm{C} / \mathrm{T} 4$ |
| PE | $\begin{aligned} & \text { Flowserve - PRS-3 } \\ & \text { (XA0199) } \end{aligned}$ | $\begin{aligned} & \text { Vmax }=28 \mathrm{~V}, \operatorname{Imax}=45 \mathrm{~mA}, \mathrm{Pi}=315 \mathrm{~mW}, \mathrm{Ci}=1 \\ & \mathrm{nF}, \mathrm{Li}=1 \mathrm{uH} \end{aligned}$ | Max. Amb. $55^{\circ} \mathrm{C} / \mathrm{T} 6$ |
| PT | $\begin{aligned} & \text { Flowserve - PRS-1 } \\ & \text { (XA0157) } \end{aligned}$ | $\begin{aligned} & \text { Vmax }=28 \mathrm{~V}, \mathrm{Imax}=45 \mathrm{~mA}, \mathrm{Pi}=315 \mathrm{~mW}, \mathrm{Ci}=1 \\ & \mathrm{nF}, \mathrm{Li}=1 \mathrm{uH} \end{aligned}$ | Max. Amb. $55^{\circ} \mathrm{C} / \mathrm{T} 6$ |

CLASS - 225804 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations CLASS - 225884 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations - CERTIFIED TO U.S. STANDARDS

Class I, Division 1, Groups A,B,C and D; Cl. II, Gps E, F and G; Cl. III;
-Ultraswitch DS/DM switch box with suffixes: DS/DMxxxxxxxxxxxx, rated based on the type of limit switches installed inside with intrinsically safe entity parameters as shown in table below. Aluminum or Stainless Steel Enclosure Type 4X;

Notes: Suffixes denote mechanical, variations and switch ratings.
Switch types and their ratings are showed in this table, refer to submittor's installation drawing IIC-58C for installation instructions:

Certificate: 70014336
Master Contract: 176847
Project: 70202617
Date Issued: 2019-03-14

| No | Type | I.S. Entity Rating | Ambient temperature ratings / Temp code |
| :---: | :---: | :---: | :---: |
| FK | IFM NS5002 <br> (Inductive Proximity Switch) | $\begin{aligned} & \text { Vmax }=15 \mathrm{~V}, \operatorname{Imax}=50 \mathrm{~mA}, \mathrm{Ci}=80 \\ & \mathrm{nF}, \mathrm{Li}=110 \mathrm{uH} \end{aligned}$ | Max. Amb. $70^{\circ} \mathrm{C} / \mathrm{T} 6$ Max. Amb. $80^{\circ} \mathrm{C} / \mathrm{T} 5$ |
| M1 | Honeywell - SPDT Mechanical switches $150^{\circ} \mathrm{C}$ (V7-1C13D8201) | $\begin{aligned} & \text { Vmax }=28 \mathrm{~V}, \operatorname{Imax}=45 \mathrm{~mA}, \mathrm{Pi}=120 \\ & \mathrm{~mW}, \mathrm{Ci}=1 \mathrm{nF}, \mathrm{Li}=1 \mathrm{uH} \end{aligned}$ | Max. Amb. $60^{\circ} \mathrm{C} / \mathrm{T} 5$ Max. Amb. $45^{\circ} \mathrm{C} / \mathrm{T} 6$ |
| MG | Honeywell - SPDT <br> Mechanical - Gold <br> Contacts (V7-1D19D8- 201) | $\begin{aligned} & \text { Vmax }=28 \mathrm{~V}, \operatorname{Imax}=45 \mathrm{~mA}, \mathrm{Pi}=315 \\ & \mathrm{~mW}, \mathrm{Ci}=1 \mathrm{nF}, \mathrm{Li}=1 \mathrm{uH} \end{aligned}$ | Max. Amb. $60^{\circ} \mathrm{C} / \mathrm{T} 5$ <br> Max. Amb. $45^{\circ} \mathrm{C} / \mathrm{T} 6$ |
| MK | Essen- SPSP | $\begin{aligned} & \text { Vmax }=28 \mathrm{~V}, \mathrm{Imax}=45 \mathrm{~mA}, \mathrm{Pi}=315 \\ & \mathrm{~mW}, \mathrm{Ci}=1 \mathrm{nF}, \mathrm{Li}=1 \mathrm{uH} \end{aligned}$ | Max. Amb. $60^{\circ} \mathrm{C} / \mathrm{T} 5$ Max. Amb. $45^{\circ} \mathrm{C} / \mathrm{T} 6$ |
| N8 | P\&F NJ2 V3 N (NAMUR) | $\begin{aligned} & \text { Vmax }=16 \mathrm{~V}, \operatorname{Imax}=52 \mathrm{~mA}, \mathrm{Pi}=169 \\ & \mathrm{~mW}, \mathrm{Ci}=40 \mathrm{nF}, \mathrm{Li}=50 \mathrm{uH} \end{aligned}$ | Max. Amb. $60^{\circ} \mathrm{C} / \mathrm{T} 4$ Max. Amb. $40^{\circ} \mathrm{C} / \mathrm{T} 5$ Max. Amb. $28^{\circ} \mathrm{C} / \mathrm{T} 6$ |
| NP | P\&F SJ3.5-N | $\begin{aligned} & \text { Vmax }=16 \mathrm{~V}, \mathrm{Imax}=52 \mathrm{~mA}, \\ & \mathrm{Pi}=169 \mathrm{~mW}, \mathrm{Ci}=50 \mathrm{nF}, \mathrm{Li}=250 \mathrm{uH} \end{aligned}$ | Max. Amb. $60^{\circ} \mathrm{C} / \mathrm{T} 4$ <br> Max. Amb. $40^{\circ} \mathrm{C} / \mathrm{T} 6$ |
| NQ | P\&F NJ4-12GK-N | $\begin{aligned} & \text { Vmax }=16 \mathrm{~V}, \mathrm{Imax}=52 \mathrm{~mA}, \\ & \mathrm{Pi}=169 \mathrm{~mW}, \mathrm{Ci}=45 \mathrm{nF}, \mathrm{Li}=50 \mathrm{uH} \end{aligned}$ | Max. Amb. $60^{\circ} \mathrm{C} / \mathrm{T} 5$ |
| P4 | Aleph - PS6132 | $\begin{aligned} & \text { Vmax }=28 \mathrm{~V}, \mathrm{Imax}=45 \mathrm{~mA}, \\ & \mathrm{Pi}=315 \mathrm{~mW}, \mathrm{Ci}=1 \mathrm{nF}, \mathrm{Li}=1 \mathrm{uH} \end{aligned}$ | Max. Amb. $40^{\circ} \mathrm{C} / \mathrm{T} 4$ |
| P5 | $\begin{aligned} & \text { Hamlin- 59135-030 } \\ & \text { Or } \\ & 59150-030 \end{aligned}$ | $\begin{aligned} & \text { Vmax }=28 \mathrm{~V}, \mathrm{Imax}=45 \mathrm{~mA}, \\ & \mathrm{Pi}=315 \mathrm{~mW}, \mathrm{Ci}=1 \mathrm{nF}, \mathrm{Li}=1 \mathrm{uH} \end{aligned}$ | Max. Amb. $60^{\circ} \mathrm{C} / \mathrm{T} 4$ |
| PE | $\begin{array}{\|l\|} \hline \text { Flowserve PRS-3 } \end{array}$ (XA0199) | $\begin{aligned} & \text { Vmax }=28 \mathrm{~V}, \mathrm{Imax}=45 \mathrm{~mA}, \\ & \mathrm{Pi}=315 \mathrm{~mW}, \mathrm{Ci}=1 \mathrm{nF}, \mathrm{Li}=1 \mathrm{uH} \end{aligned}$ | Max. Amb. $55^{\circ} \mathrm{C} / \mathrm{T} 6$ |
| PT | $\begin{aligned} & \text { Flowserve PRS-1 } \\ & \text { (XA0157) } \end{aligned}$ | $\begin{aligned} & \text { Vmax }=28 \mathrm{~V}, \mathrm{Imax}=45 \mathrm{~mA}, \\ & \mathrm{Pi}=315 \mathrm{~mW}, \mathrm{Ci}=1 \mathrm{nF}, \mathrm{Li}=1 \mathrm{uH} \end{aligned}$ | Max. Amb. $55^{\circ} \mathrm{C} / \mathrm{T} 6$ |

## APPLICABLE REQUIREMENTS

CSA-C22.2 No. 0-M91
CSA-C22.2 No. 61010-1-12
UL Std. No. 61010-1 (3 ${ }^{\text {rd }}$ Edition)
CSA C22.2 No.25-1996

- General Requirements - Canadian Electrical Code, Part II
- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use, Part 1: General Requirements
- Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements
- Enclosures for Use in Class II Groups E, F and G Hazardous Locations

Certificate: 70014336
Master Contract: 176847
Project: 70202617
Date Issued: 2019-03-14

CSA C22.2 No. 30-M1986
CSA C22.2 No. 213-17
CSA C22.2 No. 157-92
FM 3610:2010
FM 3611:2004
FM 3616:2011
FM 3615:2006
CAN/CSA-C22.2 No. 60529:05
CSA C22.2 No.94.2-07/UL50E

- Explosion-Proof Enclosures for Use in Class Hazardous Locations Nonincendive Electrical Equipment for use in Class I and II, Division
- 2 and Class III, Divisions 1 and 2 hazardous (classified) locations
- Intrinsically safe and Non-Incendive equipment or use in hazardous locations
- Intrinsically Safe Apparatus and Associated Apparatus for Use in Class I, II, II, Division 1, Hazardous Locations (Classified) Locations
- Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2; Hazardous locations
- Dust-Ignitionproof Electrical Equipment General Requirements
- Explosionproof Electrical Equipment General Requirements
- Degrees of protection provided by enclosures (IP Code)
- Enclosures for electrical equipment, environmental considerations

Certificate: 70014336
Master Contract: 176847

The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

## Product Certification History

Project Date Description

70202617 2019-03-14 Update to CSA report 70014336 to cover; $1 /$ minor alternate construction 2/ Updating and replacing descriptive documents/drawings 3 / Evaluation of switch box as intrinsically safe

70081305 2016-08-23 Update report 70014336 to add the third conduit entry and some other small changes to the enclosure.

70014336 2015-12-04 Original certification of Ultraswitch DS/DM switch box with suffixes.

