

ANNEX to IECEx Certificate of Conformity
NEM 10.0019U

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DeltaV Scalable Process System includes the following system parts:

Item	Model Name	Type	Technical Data
1.	KL3001X1-BA1	Discrete In Namur Charm	Ex code: Ex nA nL IIC T4 Gc Energy limited field circuit parameters Uo=12.6V, Io=8.4mA, Co=3µF, Lo=500mH.
2.	KL3003X1-BA1	Discrete In +24VDC Dry Contact Charm	Ex code: Ex nA nL IIC T4 Gc Energy limited field circuit parameters Uo=26.4V, Io=16mA, Co=0.333µF, Lo=200mH
3.	KL3006X1-BA1	Discrete Out +24VDC Energy-Limited Charm	Ex code: Ex nA nL IIC T4 Gc Energy limited field circuit parameters Uo=26.4V, Io=112mA, Co=0.02µF, Lo=5mH.
4.	KL3021X1-BA1	Analog In, 4-20mA w/HART Charm	Ex code: Ex nA nL IIC T4 Gc Energy limited field circuit parameters Uo=26.4V, Io=33mA, Co=0.333µF, Lo=11mH.
5.	KL3022X1-BA1	Analog Out, 4-20mA, w/HART Charm	Ex code: Ex nA nL IIC T4 Gc Energy limited field circuit parameters Uo=26.4V, Io=33mA, Co=0.333µF, Lo=11mH.
6.	KL3031X1-BA1	RTD/Resistance Input Charm	Ex code: Ex nA nL IIC T4 Gc Energy limited field circuit parameters Uo=5.5V, Io=0.3mA, Co=1000µF, Lo=1000mH
7.	KL3032X1-BA1	Thermocouple/mV Input Charm	Ex code: Ex nA nL IIC T4 Gc Energy limited field circuit parameters Uo=5.5V, Io=0.6mA, Co=1000µF, Lo=1000mH
8.	KL4501X1-BA1	Addressing Module 1	Ex code: Ex nA nL IIC T4 Gc
9.	KL4501X1-BB1	Addressing Module 2	Energy limited field circuit parameters Uo=6.49V, Io=100mA, Co=325µF, Lo=5mH
10.	KL4501X1-BC1	Addressing Module 3	
11.	KL4501X1-BD1	Addressing Module 4	
12.	KL4501X1-BE1	Addressing Module 5	
13.	KL4501X1-BF1	Addressing Module 6	
14.	KL4501X1-BG1	Addressing Module 7	
15.	KL4501X1-BH1	Addressing Module 8	
16.	KJ1501X1-BK1	DC/DC System Power Supply (24VDC Input)	Ex code: Ex nA nC IIC T4 Gc Alarm relay Energy limited field circuit parameter Ui = 30VDC, Ii = 135mA, Li=0, Ci=0

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17.	KJ3201X1-BK1	Discrete Input Card, 8-Channel NAMUR Card	<p>Ex code: Ex nA nL IIC T4 Gc</p> <p>Energy limited field circuits $U_o = 18V$, $I_o = 3.6mA$, $P_o = 16mW$ $C_o = 0.7\mu F$, $L_o = 1000mH$</p> <p>Note: This card's field power may be lowered to a nominal 12VDC $U_o = 12.6V$, $I_o = 2.5mA$, $P_o = 8mW$ $C_o = 3.4\mu F$, $L_o = 1000mH$</p>
18.	KJ3221X1-BK1	Analog output, 8-Channel, 4-20mA with HART	<p>Ex code: Ex nA nL IIC T4 Gc</p> <p>Energy limited field circuits $U_o = 28.7V$, $I_o = 33mA$, $P_o = 607mW$ $C_o = 0.17\mu F$, $L_o = 11mH$</p>
19.	KJ3222X1-BK1	Analog Input, 8-Channel, 4-20mA with HART. 2-Wire	<p>Ex code: Ex nA nL IIC T4 Gc</p> <p>Energy limited field circuits $U_o = 28.7V$, $I_o = 33mA$, $P_o = 607mW$ $C_o = 0.17\mu F$, $L_o = 11mH$</p>
20.	KJ3223X1-BK1	Analog input, 16-Channel, 4-20mA with HART	<p>Ex code: Ex nA nL IIC T4 Gc</p> <p>Energy limited field circuits $U_o = 28.7V$, $I_o = 33mA$, $P_o = 607mW$ $C_o = 0.17\mu F$, $L_o = 11mH$</p>
21.	KJ3224X1-BK1	Thermocouple / mV Input card	<p>Ex code: Ex nA nL IIC T4 Gc</p> <p>Energy limited field circuits $U_o = 5.5$, $I_o = 0.3mA/Ch$, $0.3 mA/Card$, $P_o = 0.8mW$, $C_o = 1000\mu F$, $L_o = 1000mH$</p>
22.	KJ3225X1-BK1	RTD / Resistance Input Card	<p>Ex code: Ex nA nL IIC T4 Gc</p> <p>Energy limited field circuits $U_o = 5.5$, $I_o = 0.6mA/Ch$, $4.8 mA/Card$, $P_o = 0.4mW$, $C_o = 1000\mu F$, $L_o = 1000mH$</p>
23.	KJ3231X1-BK1	Isolated Input Card	<p>Ex code: Ex nA nL IIC T4 Gc</p> <p>Energy limited field circuits $U_o = 5.5$, $I_o = 0.3mA/Ch$, $0.3 mA/Card$, $P_o = 0.8mW$, $C_o = 1000\mu F$, $L_o = 1000mH$</p>
24.	KJ3242X1-BK1	Fieldbus H1 Card	<p>Ex code: Ex nA nL IIC T4 Gc</p> <p>Energy limited field circuits $U_i = 40$, $I_i = 165 mA$, $C_i = 0.022 \mu F$, $L_i = 480 \mu H$, $P_i = 520mW$</p> <p>$U_i = 40$, $I_i = 225 mA$, $C_i = 0.022 \mu F$, $L_i = 480 \mu H$</p>
25.	KL3023X1-BA1	Analog In, 0-10V Isolated Charm	<p>Ex code: Ex nA nL IIC T4 Gc</p> <p>Energy limited field circuits $U_o: 10V$, $I_o: 1\mu A$, $P_o: 2,5\mu W$, $C_o: 19,76\mu F$, $L_o: 999mH$</p>