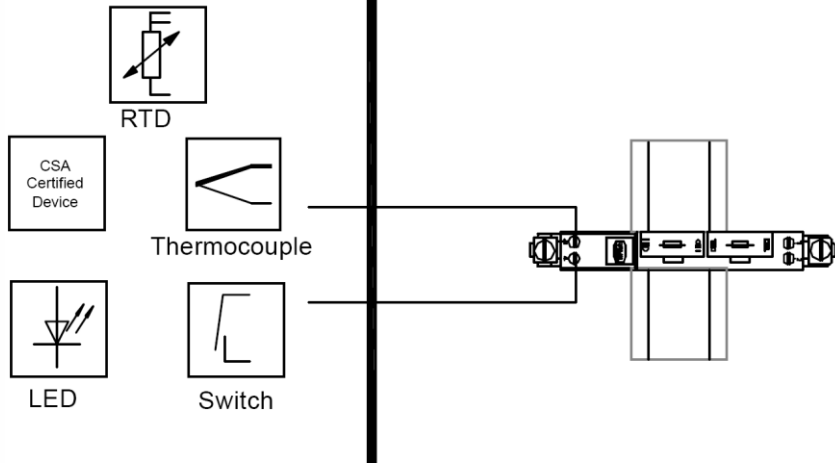


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Class I, II, III, Div. 1, Group A - G
or Class I, Zone 0, Group IIC/IIB
Hazardous Locations

Nonhazardous or Class I, Div. 2, Group A, B, C, D
or Class I, Zone 2, Group IIC
Hazardous Locations

Intrinsically Safe Apparatus
or Simple Apparatus



The Intrinsic Safety Barriers are associated apparatus located in a Nonhazardous or Class I, Div. 2, Group A, B, C, D or Class I, Zone 2, Group IIC locations and provide intrinsically safe connections for device(s) located in Class I, Div. 1, Group A, B, C, D; Class II, Div. 1, Group E, F, G; Class III, Div. 1; or Class I, Zone 0, Group IIC/IIB Hazardous (Classified) Locations.

Notes:

- Intrinsically safe apparatus may be switches, thermocouples, LEDs, RTDs, or a CSA Certified System or Entity device connected in accordance with the manufacturer's installation instructions.
- For Entity concept use the appropriate parameters from above to ensure the following:

$$U_o \text{ or } V_{oc} \leq V_{max} \quad C_o \text{ or } C_a \geq C_i + C_{leads}$$

$$I_o \text{ or } I_{sc} \leq I_{max} \quad L_o \text{ or } L_a \geq L_i + L_{leads}$$
- Electrical apparatus connected to non-IS side of barrier should not use or generate voltages > 250 V (U_{max}).
- Installation should be in accordance with the Canadian Electrical Code, Part I.
- The system shall be installed in a suitable enclosure per the Authority Having Jurisdiction.
- Maximum barrier operating temperature is 60°C except as follows:

$T_a = 50^\circ\text{C}$:	9001/0.-280-165-101
	9001/03-280-000-101
	9001/04-280-000-101
	9001/0.-280-280-101
	9001/51-280-091-141
$T_a = 40^\circ\text{C}$:	9001/51-280-110-141

WARNING: DO NOT DISCONNECTED NON I.S. CIRCUITS OR REPLACE FUSES UNLESS POWER HAS BEEN REMOVED OR THE AREA IS KNOWN TO BE NON-HAZARDOUS.

AVERTISSEMENT: NE DÉCONNECTER DES CIRCUITS NON INTRINSÈQUES OU REMPLACER DES FUSIBLES QUE S'ILS SONT HORS TENSION OU SI L'ATMOSPHÈRE EST EXEMPTÉ DE CONCENTRATIONS INFLAMMABLES.

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F 4830 503

			Date	Name	Certification drawing Intrinsic Safety Barrier Type 9001/...-...-...-1	Scale
		Drawn by	3/2002	Tobey		none
		Checked	6/2020	Bagusch		Sheet
03	25.08.2020	T. Stahl			90 016 11 31 2	1 of 4
02	11.03.2009	Einsiedler				Agency
01	11/2004	RVT				CSA
Index	Date	Name			Rep. f.	Rep. t.




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F 4830 503

Intrinsic Safety Barrier	Hazardous Locations Class I, II, III; Div. 1						Hazardous Locations Class I, Zone 0 and Zone 1					
	Entity Parameters					Parametric Values		Entity Parameters				
	Groups							Groups				
	V _{oc}	I _{sc}	P _o	L _s / C _a	L _a / C _a	V _{max}	R _{min}	U _o	I _o	P _o	IIC	IIB / IIA
[V]	[mA]	[mW]	[mH]/[µF]	[mH]/[µF]	[V]	[Ω]	[V]	[mA]	[mW]	[mH]/[µF]	[mH]/[µF]	
9001/0.-050-050-101	4.9	49.8	62.5	13.8/1000	52.1/3000	4.9	100	5	50	62.5	15/100	56/1000
9001/0.-050-100-101	4.9	92.8	125	4.1/1000	16/3000	4.9	56	5	100	125	4/100	15/1000
9001/0.-050-150-101	4.9	133.2	187.5	2/1000	8/3000	4.9	39	5	150	187.5	1.3/100	7/1000
9001/0.-083-442-101	8.4	442	917.2	0.19/6.9	0.8/20.8	8.4	22	8.3	442	917.2	0.12/7.2	0.5/73
9001/0.-086-010-101	8.6	9.6	21.5	346/5.9	1000/17.6	8.6	909	8.6	10	21.5	300/6.2	1000/55
9001/0.-086-020-101	8.6	18.3	43	97.5/5.9	350/17.6	8.6	475	8.6	20	43	90/6.2	330/55
9001/0.-086-050-101	8.6	43.5	107.5	18/5.9	67.6/17.6	8.6	200	8.6	50	107.5	15/6.2	56/55
9001/0.-086-075-101	8.6	69.7	161.3	7.2/5.9	27.5/17.6	8.6	130	8.6	75	161.3	6.7/6.2	25/55
9001/0.-086-100-101	8.6	99.6	215	3.6/5.9	14/17.6	8.6	91	8.6	100	215	4/6.2	15/55
9001/0.-086-150-101	8.6	146.2	322.5	1.7/5.9	6.7/17.6	8.6	62	8.6	150	322.5	1.3/6.2	7/55
9001/0.-086-270-101	8.6	251.8	580.5	0.26/5.9	2.4/17.6	8.6	36	8.6	270	580.5	0.23/6.2	2.2/55
9001/0.-086-390-101	8.6	377.6	838.5	0.16/5.9	1/17.6	8.6	24	8.6	390	838.5	0.16/6.2	0.89/55
9001/0.-126-020-101	12.6	18.7	63	93.7/1.4	336/4.1	12.6	681	12.6	20	63	90/1.15	330/7.4
9001/0.-126-050-101	12.6	49.1	157.5	14.2/1.4	53.6/4.1	12.6	270	12.6	50	157.5	15/1.15	56/7.4
9001/0.-126-075-101	12.6	73.7	236.3	6.4/1.4	4.1/4.1	12.6	180	12.6	75	236.3	6.7/1.15	25/7.4
9001/0.-126-100-101	12.6	88.4	315	4.5/1.4	17.5/4.1	12.6	150	12.6	100	315	4/1.15	15/7.4
9001/0.-126-140-101	12.6	132.6	441	2/1.4	8.1/4.1	12.6	100	12.6	140	441	1.6/1.15	8/7.4
9001/0.-126-150-101	12.6	145.7	472.5	1.3/1.4	6.8/4.1	12.6	91	12.6	150	472.5	1.3/1.15	7/7.4
9001/0.-137-065-101	13.6	65.3	222.6	8.1/1.1	31.2/3.2	13.6	220	13.7	65	222.6	8.8/0.79	34/5
9001/0.-158-005-101	15.7	4.9	19.75	1000/0.67	1000/2	15.7	3240	15.8	5	19.75	1000/0.478	1000/2.88
9001/0.-158-150-101	15.7	138.2	592.5	1.6/0.67	7.5/2	15.7	120	15.8	150	592.5	1.3/0.478	7/2.88
9001/0.-168-007-101	16.8	7	29.4	640/0.55	1000/1.7	16.8	2430	16.8	7	29.4	1000/0.39	720/2.29
9001/0.-168-020-101	16.8	18.7	84	93.9/0.55	337/1.7	16.8	909	16.8	20	84	90/0.39	330/2.29
9001/0.-168-050-101	16.8	45.3	210	16.6/0.55	62.4/1.7	16.8	390	16.8	50	210	15/0.39	56/2.29
9001/0.-168-075-101	16.8	73.7	315	6.4/0.55	24.8/1.7	16.8	240	16.8	75	315	6.7/0.39	25/2.29
9001/0.-168-100-101	16.8	98.2	420	3.7/0.55	14.3/1.7	16.8	180	16.8	100	420	4/0.39	15/2.29
9001/0.-199-010-101	19.9	9.1	49.75	382/0.34	1000/1	19.9	2210	19.9	10	49.75	330/0.223	1000/1.42
9001/0.-199-020-101	19.9	16.6	99.5	117/0.34	421/1	19.9	1210	19.9	20	99.5	90/0.223	330/1.42
9001/0.-199-038-101	19.9	37.4	189.1	24.2/0.34	90/1	19.9	560	19.9	38	189.1	26/0.223	95/1.42
9001/0.-199-050-101	19.9	48.7	248.8	14.4/0.34	54.4/1	19.9	430	19.9	50	248.8	15/0.223	56/1.42
9001/0.-199-070-101	19.9	69.8	348.3	7.1/0.34	27.4/1	19.9	300	19.9	70	348.3	7.5/0.223	28/1.42
9001/0.-199-100-101	19.9	95.2	497.5	3.9/0.34	15.2/1	19.9	220	19.9	100	497.5	4/0.223	15/1.42
9001/0.-199-150-101	19.9	139.6	746.3	1.6/0.34	7.3/1	19.9	150	19.9	150	746.3	1.3/0.223	7/1.42
9001/0.-252-070-101	25.2	68	441	7.5/0.18	28.9/0.55	25.2	390	25.2	70	441	4.5/0.107	25/0.82
9001/0.-280-020-101	28	19.6	140	85/0.14	306/0.43	28	1500	28	20	140	50/0.083	50/0.65
9001/0.-280-050-101	28	47.5	350	15.1/0.14	57/0.43	28	620	28	50	350	8.5/0.083	25/0.65
9001/0.-280-075-101	28	68.5	525	7.4/0.14	28.4/0.43	28	430	28	75	525	3.3/0.083	21/0.65
9001/0.-280-085-101	28.5	77	595	5/0.14	19.3/0.43	28	349	28	85	595	2.4/0.083	16/0.65
9001/0.-280-100-101	28.5	100	700	3.6/0.14	13.9/0.43	28	300	28	100	700	1.6/0.083	11/0.65
9001/0.-280-110-101	28.5	111	770	3.6/0.14	11.7/0.43	28	270	28	110	770	1.2/0.083	9/0.65
9001/0.-280-165-101	28.5	163.7	1155	-/	5.4/0.43	28	180	28	165	1155	-/	3.5/0.65
9001/0.-315-020-101	31.5	18.4	157.5	96.4/0.11	346/0.33	31.5	1800	31.5	20	157.5	50/0.056	50/0.41
9001/0.-315-050-101	31.5	48.8	393.8	14.4/0.11	54.3/0.33	31.5	680	31.5	50	393.8	7.5/0.056	25/0.41


			Date	Name	<p style="text-align: center;">Certification drawing Intrinsic Safety Barrier Type 9001/...-...-...-..1</p> <p style="text-align: center; font-size: 24pt;">90 016 11 31 2</p>	Scale
			Drawn by	Tobey		none
			Checked	Baqusch		Sheet 2 of 4
03	25.08.2020	T. Stahl				Agency
02	11.03.2009	Einsiedler				CSA
01	11/2004	RVT				
Index	Date	Name			Rep. f.	Rep. t.
						A4

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Intrinsic Safety Barrier	Hazardous Locations Class I, II, III; Div. 1						Hazardous Locations Class I, Zone 0 and Zone 1					
	Entity Parameters					Parametric Values		Entity Parameters				
	Groups							Groups				
	V _{oc}	I _{sc}	P _o	A, B, E	C, D, F, G	V _{max}	R _{min}	U _o	I _o	P _o	IIC	IIB / IIA
[V]	[mA]	[mW]	L _s / C _a	L _a / C _a	[V]	[Ω]	[V]	[mA]	[mW]	L _o / C _o	L _o / C _o	
			[mH]/[μF]	[mH]/[μF]						[mH]/[μF]	[mH]/[μF]	
9001/0.-315-070-101	31.5	65	551.3	8.2/0.11	31.4/0.33	31.5	510	31.5	70	551.3	3.2/0.056	24/0.41
9001/0.-398-020-101	39.9	19.1	199	89.9/0.07	323/0.2	39.9	2200	39.8	20	199	50/0.03	50/0.26
9001/0.-398-050-101	39.9	46.2	497.5	16/0.07	60.3/0.2	39.9	910	39.8	50	497.5	5.2/0.03	25/0.26
9001/01-252-057-141	25.2	56.4	359.1	10.8/0.18	41.1/0.55	25.2	470	25.2	57	359.1	6.3/0.107	25/0.82
9001/01-252-060-141	25.2	56.4	378	10.8/0.18	41.1/0.55	25.2	470	25.2	60	378	6.2/0.107	25/0.82
9001/01-252-100-141	25.2	100	630	3.5/0.18	13.9/0.55	25.2	255	25.2	100	630	2/0.107	11/0.82
9001/02-016-015-101	1.6	17	6	172/1000	608/3000	1.64	121	1.6	15	6	160/100	560/1000
9001/02-016-050-101	1.6	61	20	13.8/1000	52/3000	1.64	33.2	1.6	50	20	15/100	56/1000
9001/02-016-050-111	1.64	49.9	20	13.8/1000	52/3000	1.64	33.2	1.6	50	20	15/100	56/1000
9001/02-016-150-101	1.6	167	60	1.9/1000	7.6/3000	1.64	12.1	1.6	150	60	1.3/100	7/1000
9001/02-016-150-111	1.6	155	60	2.2/1000	8.7/3000	1.64	13	1.6	150	60	1.3/100	7/1000
9001/02-016-320-101	1.6	376	128	0.19/1000	1.6/3000	1.64	5.6	1.6	320	128	0.19/100	1.6/1000
9001/02-061-020-101	6.2	19	30.5	87.7/37	315/110	6.36	332	6.1	20	30.5	90/37	330/880
9001/02-061-050-101	6.2	49	76.25	14.1/37	53/110	6.36	130	6.1	50	76.25	15/37	56/880
9001/02-061-150-101	6.2	142	228.8	1.6/37	7/110	6.36	47	6.1	150	228.8	1.3/37	7/880
9001/02-093-003-101	9.4	3	6.975	1000/3.7	1000/11.2	9.6	3320	9.3	3	6.975	1000/4.1	1000/31
9001/02-093-020-101	9.4	19	46.5	98.8/3.7	326/11.2	9.6	511	9.3	20	46.5	90/4.1	330/31
9001/02-093-030-101	9.4	29	69.75	39.1/3.7	143/11.2	9.6	332	9.3	30	69.75	40/4.1	150/31
9001/02-093-050-101	9.4	51	116.3	13.4/3.7	50.7/11.2	9.6	200	9.3	50	116.3	15/4.1	56/31
9001/02-093-075-101	9.4	67	174.4	7.6/3.7	29.3/11.2	9.6	150	9.3	75	174.4	6.7/4.1	25/31
9001/02-093-100-101	9.4	101	232.5	3.5/3.7	13.5/11.2	9.6	100	9.3	100	232.5	4/4.1	15/31
9001/02-093-120-101	9.4	123	279	2.3/3.7	9.3/11.2	9.6	82	9.3	120	279	2.5/4.1	10/31
9001/02-093-150-101	9.4	149	348.8	1.3/3.7	6.5/11.2	9.6	68	9.3	150	348.8	1.3/4.1	7/31
9001/02-093-250-101	9.4	235	581.3	0.3/3.7	2.7/11.2	9.6	43	9.3	250	581.3	0.27/4.1	2.7/31
9001/02-093-270-101	9.4	259	627.8	0.25/3.7	2.2/11.2	9.6	39	9.3	270	627.8	0.23/4.1	2.2/31
9001/02-093-390-101	9.4	374	906.8	0.16/3.7	1/11.2	9.6	27	9.3	390	906.8	0.16/4.1	0.89/31
9001/02-133-003-101	13.4	3	9.975	1000/1.1	1000/3.2	13.6	4750	13.3	3	9.975	1000/0.91	1000/5.6
9001/02-133-020-101	13.4	18	66.5	97.4/1.1	350/3.2	13.6	750	13.3	20	66.5	90/0.91	330/5.6
9001/02-133-050-101	13.4	48	166.3	15/1.1	56.6/3.2	13.6	300	13.3	50	166.3	15/0.91	56/5.6
9001/02-133-075-101	13.4	72	249.4	6.8/1.1	26.3/3.2	13.6	200	13.3	75	249.4	6.7/0.91	25/5.6
9001/02-133-100-101	13.4	95	332.5	3.9/1.1	15.1/3.2	13.6	150	13.3	100	332.5	4/0.91	15/5.6
9001/02-133-120-101	13.4	124	399	2.5/1.1	9.9/3.2	13.6	120	13.3	120	399	2.5/0.91	10/5.6
9001/02-133-150-101	13.4	143	498.8	1.3/1.1	7/3.2	13.6	100	13.3	150	498.8	1.3/0.91	7/5.6
9001/02-175-020-101	17.6	18	87.5	101/0.47	362/1.4	17.8	1000	17.5	20	87.5	90/0.339	330/1.97
9001/02-175-050-101	17.6	48	218.8	14.8/0.47	55.9/1.4	17.8	390	17.5	50	218.8	15/0.339	56/1.97
9001/02-175-075-101	17.6	69	328.1	7.2/0.47	27.8/1.4	17.8	270	17.5	75	328.1	6.7/0.339	25/1.97
9001/02-175-100-101	17.6	94	437.5	4/0.47	15.7/1.4	17.8	200	17.5	100	437.5	4/0.339	15/1.97
9001/02-175-120-101	17.6	117	525	2.6/0.47	10.3/1.4	17.8	160	17.5	120	525	2.5/0.339	10/1.97
9001/02-175-150-101	17.6	144	656.3	1.3/0.47	6.9/1.4	17.8	130	17.5	150	656.3	1.3/0.339	7/1.97
9001/02-175-200-101	17.6	187	875	0.5/0.47	4.2/1.4	17.8	100	17.5	200	875	0.5/0.339	4/1.97
9001/02-196-010-101	19.8	10	49	321/0.33	1000/0.99	20.2	2050	19.6	10	49	330/0.235	1000/1.47
9001/02-196-020-101	19.8	20	98	79.2/0.33	286/0.99	20.2	1000	19.6	20	98	90/0.235	330/1.47
9001/02-196-030-101	19.8	28	147	41.7/0.33	153/0.99	20.2	750	19.6	30	147	40/0.235	150/1.47

			Date	Name	<p style="text-align: center;">Certification drawing Intrinsic Safety Barrier Type 9001/...-...-...-..1</p> <p style="text-align: center; font-size: 2em;">90 016 11 31 2</p>	Scale
			Drawn by	Tobey		none
			Checked	Baqusch		Sheet
						3 of 4
03	25.08.2020	T. Stahl				Agency
02	11.03.2009	Einsiedler				CSA
01	11/2004	RVT				
Index	Date	Name			Rep. f.	Rep. t.
						A4


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Intrinsic Safety Barrier	Hazardous Locations Class I, II, III; Div. 1						Hazardous Locations Class I, Zone 0 and Zone 1					
	Entity Parameters					Parametric Values		Entity Parameters				
	Groups							Groups				
	Voc	Isc	Po	La / Ca	Ls / Cs	Vmax	Rmin	Uo	Io	Po	IIC	IIB / IIA
[V]	[mA]	[mW]	[mH]/[µF]	[mH]/[µF]	[V]	[Ω]	[V]	[mA]	[mW]	[mH]/[µF]	[mH]/[µF]	
9001/02-196-050-101	19.8	49	245	14.1/0.33	53.1/0.99	20.2	430	19.6	50	245	15/0.235	56/1.47
9001/02-196-075-101	19.8	71	367.5	7/0.33	26.8/0.99	20.2	300	19.6	75	367.5	6.7/0.235	25/1.47
9001/02-196-100-101	19.8	97	490	3.8/0.33	14.8/0.99	20.2	220	19.6	100	490	4/0.235	15/1.47
9001/02-196-120-101	19.8	118	588	2.6/0.33	10.1/0.99	20.2	180	19.6	120	588	2.5/0.235	10/1.47
9001/02-196-125-101	19.8	118	612.5	2.6/0.33	10.1/0.99	20.2	180	19.6	125	612.5	2.2/0.235	9/1.47
9001/02-196-150-101	19.8	142	735	1.3/0.33	7.2/0.99	20.2	150	19.6	150	735	1.3/0.235	7/1.47
9001/02-224-020-101	22.6	20	112	80.7/0.23	291/0.7	23	1200	22.4	20	112	90/0.156	330/1.09
9001/02-224-050-101	22.6	47	280	15.2/0.23	57.2/0.7	23	510	22.4	50	280	15/0.156	56/1.09
9001/02-224-075-101	22.6	73	420	6.5/0.23	25/0.7	23	330	22.4	75	420	6.7/0.156	25/1.09
9001/02-224-100-101	22.6	101	560	3.5/0.23	13.6/0.7	23	240	22.4	100	560	4/0.156	15/1.09
9001/02-224-120-101	22.6	121	672	2.4/0.23	9.6/0.7	23	200	22.4	120	672	2.5/0.156	10/1.09
9001/02-224-150-101	22.6	151	840	1.2/0.23	6.3/0.7	23	160	22.4	150	840	1.3/0.156	7/1.09
9001/02-280-015-101	27.9	14	105	176/0.14	623/0.42	28.2	2200	28	15	105	50/0.083	50/0.65
9001/02-280-020-101	27.9	19	140	94.7/0.14	340/0.42	28.2	1600	28	20	140	50/0.083	50/0.65
9001/02-280-050-101	27.9	48	350	14.9/0.14	56.1/0.42	28.2	620	28	50	350	8.5/0.083	25/0.65
9001/02-280-075-101	27.9	69	525	7.3/0.14	28/0.42	28.2	430	28	75	525	3.4/0.083	21/0.65
9001/02-280-090-101	27.9	90	630	4.3/0.14	16.9/0.42	28.2	330	28	90	630	2.2/0.083	14/0.65
9001/02-280-120-101	27.9	110	840	2.9/0.14	11.5/0.42	28.2	270	28	120	840	-/-	7/0.65
9001/02-307-075-101	31	77	575.6	5.9/0.11	22.9/0.33	31.4	430	30.7	75	575.6	2.9/0.062	20/0.53
9001/02-307-130-101	31.4	122.4	997.8	-/-	9.4/0.33	31.4	270	30.7	130	997.8	-/-	5.4/0.53
9001/02-412-040-101	41.4	37	412	25.1/0.06	93.4/0.18	41.8	1200	41.2	40	412	8/0.03	25/0.287
9001/02-412-065-101	41.4	64.7	669.5	-/-	31.7/0.18	41.8	680	41.2	65	669.5	-/-	23/0.287
9001/02-412-095-101	41.4	93.6	978.5	-/-	15.7/0.18	41.8	470	41.2	95	978.5	-/-	9/0.287
9001/03-086-000-101	28.5	0	0	1000/5.9	1000/17.6	8.6	*	8.6	0	0	1000/6.2	1000/55
9001/03-168-070-101	16.5	0	0	1000/0.59	1000/1.76	16.5	*	16.8	0	0	1000/0.39	1000/2.29
9001/03-199-000-101	19.8	0	0	1000/0.34	1000/1.02	19.8	*	19.9	0	0	1000/0.223	1000/1.42
9001/03-280-000-101	28	0	0	1000/0.14	1000/0.43	28	*	28	0	0	50/0.083	50/0.65
9001/04-086-000-101	28.5	0	0	1000/5.9	1000/17.6	8.6	*	8.6	0	0	1000/6.2	1000/55
9001/04-168-000-101	16.5	0	0	1000/0.59	1000/1.76	16.5	*	16.8	0	0	1000/0.39	1000/2.29
9001/04-199-000-101	19.8	0	0	1000/0.34	1000/1.02	19.8	*	19.9	0	0	1000/0.223	1000/1.42
9001/04-280-000-101	28	0	0	1000/0.14	1000/0.43	28	*	28	0	0	50/0.083	50/0.65
9001/0.-158-270-101	15.7	267.1	1067	0.23/0.67	2.1/2	15.7	62	15.8	270	1067	0.23/0.478	2.2/2.88
9001/0.-158-390-101	15.7	386.8	1541	0.15/0.67	0.9/2	15.7	43	15.8	390	1541	0.16/0.478	0.89/2.88
9001/0.-199-270-101	19.9	268.8	1343	0.23/0.34	2.1/1	19.9	77.6	19.9	270	1343	0.23/0.223	2.2/1.42
9001/0.-199-390-101	19.8	382.7	1940	-/-	0.9/1.03	19.8	54.5	19.9	390	1940	-/-	0.89/1.42
9001/0.-280-280-101	28.5	267.8	1960	-/-	2.1/0.43	28	110	28	280	1960	-/-	0.6/0.65
9001/02-172-270-101	17.4	275	1161	0.22/0.47	2/1.4	17.7	68	17.2	270	1161	0.23/0.36	2.2/2.11
9001/02-172-390-101	17.4	392	1677	0.15/0.47	0.8/1.4	17.7	47.6	17.2	390	1677	0.16/0.36	0.89/2.11
9001/02-217-270-101	21.4	268.1	1465	-/-	2.1/0.8	21.8	85.7	21.7	270	1465	-/-	2.2/1.17
9001/02-217-390-101	21.4	383	2116	-/-	1/0.8	21.8	60	21.7	390	2116	-/-	0.89/1.17
9001/02-308-230-101	31	232.6	1771	-/-	2.8/0.33	31.4	142	30.8	230	1771	-/-	0.7/0.524
9001/51-280-091-141	28.1	88	637	4.5/0.14	17.6/0.43	28	320	28	91	637	2.2/0.083	14/0.65
9001/51-280-110-141	28.1	106	770	3.2/0.14	12.4/0.43	28	267	28	110	770	1.2/0.083	9/0.65

* Designates diode return

			Date	Name	<p style="text-align: center;">Certification drawing Intrinsic Safety Barrier Type 9001/...-...-...-..1</p> <p style="text-align: center; font-size: 24pt;">90 016 11 31 2</p>	Scale
			Drawn by	Tobey		none
			Checked	Baqusch		Sheet
						4 of 4
03	25.08.2020	T. Stahl				Agency
02	11.03.2009	Einsiedler				CSA
01	11/2004	RVT				
Index	Date	Name			Rep. f.	Rep. t.
						A4