



QUZW.E81680 Process Control Equipment for Use in Hazardous Locations

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R STAHL SCHALTGERAETE GMBH

E81680

AM BAHNHOF 30
74638 WALDENBURG, GERMANY

Associated apparatus, nonhazardous locations

Shunt diode barriers for installation in panel assemblies, Types 8901/30-086/150/ab, 8901/30-199/100/ab, 8901/31-086/150/ab, 8901/31-199/100/ab, 8901/32-196/125/ab, 8901/33-273/000/00, 8901/34-273/000/00. (ab=number 00 through 99). The barriers provide intrinsically safe circuits for use in Class I, Groups A, B, C and D, Class II, Groups E, F and G, hazardous locations when used in accordance with R. Stahl instruction manual No. 8901601310.

Shunt diode barriers for installation in panel assemblies, Types 8901/30-280/165/ab, 8901/31-280/165/ab, 9011/00-280/220/00, 9011/01-280/220/00. (ab=number 00 through 99). The barriers provide intrinsically safe circuits for use in Class I, Groups C and D, Class II, Groups E, F and G, hazardous locations when used in accordance with R. Stahl instruction Manual No. 8901601310.

Shunt diode barriers for installation in panel assemblies, Types 9011/00-280/280/00, 9011/01-280/280/00. The barriers provide intrinsically safe circuits for use in Class I, Group D, Class II, Groups E, F and G, hazardous locations when used in accordance with R. Stahl instruction manual No. 9011601310.

Relay repeater, Model 9250 followed by /01, followed by -10, -40 or -60 providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III; or Class I, Zone 0, Group IIC hazardous locations when installed in accordance with installation wiring diagram, Drawing No. 9250601310.

Relay repeater, Model 9251 followed by /01 or /02, followed by -10, -20, -40 or -60 providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III hazardous locations when installed in accordance with installation wiring diagram Drawing No. 9251601310.

Switching repeater, Type 9350 followed by /10 or /20, followed by -11, -12, -14, -15, -21, -24 or -25, followed by -10, provides intrinsically safe outputs for Class I, Div. 1, Groups A, B, C, D, Class II, Div. 1, Groups E, F and G, Class III, Div. 1 hazardous locations when connected per drawing 93 506 01 31 0.

Module Carrier, Type 9161 followed by 3 sets of any two letters or number combinations.

Transmitter, Type 9103 followed by /11, /13, /15, /21, /23 or /25, followed by -22 or -24, followed by -10 or -11.

mA Isolating Repeater Type 9111 followed by /51, /52 or /54, followed by -11, followed by -00.

mA Isolating Repeater Type 9118 followed by /11, /12 or /16, followed by -11, -12, -21 or -22, followed by -10.

Multi-Purpose Transmitter Type 9124/10-51-11.

Switching Repeater Type 9150 followed by /10 or /20, followed by -11, -14, -15, -21, -24 or -25, followed by -10.

Binary Output Isolator Type 9151 followed by /10, followed by -10, -11, -12, -13, -14, -15, -16 or -17, followed by -10; providing intrinsically safe circuits for use in Class I, Division 1, Groups A, B, C and D, Class II, Groups E, F and G, Class III hazardous locations when installed in accordance with control drawing No. 91 006 01 31 0.

Transmitter Supply Unit, Model 9160, followed by /1 or /2, followed by 1, 3 or 9, followed by -1, followed by 0 or 1, followed by -11, providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when installed per control drawing No. 91 606 01 31 3.

Isolating Repeater HART Input, Model 9163, followed by /1 or /2, followed by 3, followed by -1, followed by 0 or 1, followed by -11, providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when installed per control drawing No. 91 636 01 31 3.

Isolating Repeater, Model 9165, followed by /1 or /2, followed by 1 or 6, followed by -11, followed by -1, followed by 1 or 3, providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when installed per control drawing No. 91 656 01 31 3.

Isolating Repeater Loop Powered, Model 9167, followed by /1 or /2, followed by 1, 3 or 4, followed by -11, followed by -00, providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when installed per control drawing No. 91 676 01 31 3.

Switching Repeater, Model 9170, followed by /1 or /2, followed by 0, followed by -1, -2, -3, -4 or -5, followed by 0, 1, 2, 3 or 4, followed by -1 or -2, followed by 1, providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when installed per control drawing No. 91 706 01 31 3.

I.S. Relay Module, Model 9172, followed by /1 or /2, followed by 0 or 1, followed by -11, followed by -00, providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when installed per control drawing No. 91 726 01 31 3.

Digital Output, Model 9175, followed by /1 or /2, followed by 0, followed by -1, followed by 2, 4 or 6, followed by -11, providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when installed per control drawing No. 91 756 01 31 3.

Digital Output Loop Powered, Model 9176, followed by /1 or /2, followed by 0, followed by -1, followed by 2, 4, 5, or 6, followed by -00, providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when installed per control drawing No. 91 766 01 31 3.

Temperature Transmitter, Model 9182, followed by /1 or /2, followed by 0, followed by -5, followed by 0, 1, 3 or 9, followed by -1, followed by 1 or 2, providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; and Class III Hazardous Locations when installed per control drawing No. 91 826 01 31 3.

Associated apparatus, Class I, Div 2, Groups A, B, C and D.

Switching repeaters, Type 9350 followed by /10 or /20, followed by -14, -15, -24 or -25, followed by -10, provides intrinsically safe outputs for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III, hazardous locations when installed in accordance with control drawing 93 506 01 31 0; Type 9351/10 followed by -10, -11, -12, -13, -14, -15, -16 or -17, followed by -10, provides intrinsically safe outputs for use in Class I, Groups A, B and D; Class II, Groups E, F and G; Class III, Hazardous Locations when installed in accordance with control drawing 93 516 01 31 0.

Power supply, Type 9381/10 followed by -065-150, -065-200, -120-200, -124-115, -124-150, -140-093, -158-065, -187-050, -246-035, followed by -10 or -50, provides intrinsically safe outputs for use in Class I, Division 1, Groups A, B, C and D, Class II Groups E, F and G, Class III hazardous locations when connected per drawing 93 816 01 31 0.

Power supply, Type 9381/10 followed by -124-195, -158-150, -158-160, -187-100, -246-055 or -246-070, followed by -10 or -50, provides intrinsically safe output for use in Class I, Division 1, Groups C and D, Class II Groups E, F and G, Class III hazardous locations when connected per drawing 93 816 01 31 0.

Associated apparatus, Class I, Division 2, Groups A, B, C and D.

Transmitter, Type 9303 followed by /11, /13 or /15, followed by -22 or -24, followed by -10 or -11; provides intrinsically safe circuits for use in Class I, Division 1, Groups A, B, C and D; Class II, Groups E, F and G; Class III hazardous locations when installed in accordance with control drawing 93 036 01 31 0.

Associated apparatus, Class I, Div. 2, Groups A, B, C and D

Shunt diode barriers providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III, hazardous locations when installed in accordance with control drawing Nos. 90 016 11 31 3 or 90 026 11 31 3; Model Nos.:

Type 9001:

9001/51-280-091-141, 9001/a-168-100-101, 9001/b-061-020-101, 9001/b-196-010-101, 9001/51-280-110-141, 9001/a-199-010-101, 9001/b-061-050-101, 9001/b-196-020-101, 9001/a-050-050-101, 9001/a-199-020-101, 9001/b-061-150-101, 9001/b-196-030-101, 9001/a-050-100-101, 9001/a-199-038-101, 9001/b-093-003-101, 9001/b-196-050-101, 9001/a-050-150-101, 9001/a-199-050-101, 9001/b-093-020-101, 9001/b-196-075-101, 9001/a-083-442-101, 9001/a-199-070-101, 9001/b-093-030-101, 9001/b-196-100-101, 9001/a-086-010-101, 9001/a-199-100-101, 9001/b-093-050-101, 9001/b-196-120-101, 9001/a-086-020-101, 9001/a-199-150-101, 9001/b-093-075-101, 9001/b-196-125-101, 9001/a-086-050-101, 9001/a-199-270-101, 9001/b-093-100-101, 9001/b-196-150-101, 9001/a-086-075-101, 9001/a-252-057-141, 9001/b-093-120-101, 9001/b-224-020-101, 9001/a-086-075-101, 9001/a-252-060-141, 9001/b-093-150-101, 9001/b-224-050-101, 9001/a-086-100-101, 9001/a-252-070-101, 9001/b-093-250-101, 9001/b-224-075-101, 9001/a-086-150-101, 9001/a-252-100-141, 9001/b-093-270-101, 9001/b-224-100-101, 9001/a-086-270-101, 9001/a-280-020-101, 9001/b-093-390-101, 9001/b-224-120-101, 9001/a-086-390-101, 9001/a-280-050-101, 9001/b-133-003-101, 9001/b-224-150-101, 9001/a-126-020-101, 9001/a-280-075-101, 9001/b-133-020-101, 9001/b-280-015-101, 9001/a-126-050-101, 9001/a-280-085-101, 9001/b-133-050-101, 9001/b-280-020-101, 9001/a-126-075-101, 9001/a-280-100-101, 9001/b-133-075-101, 9001/b-280-050-101, 9001/a-126-100-101, 9001/a-280-110-101, 9001/b-133-100-101, 9001/b-280-075-101, 9001/a-126-140-101, 9001/a-315-020-101, 9001/b-133-120-101, 9001/b-280-090-101, 9001/a-126-150-101, 9001/a-315-050-101, 9001/b-133-150-101, 9001/b-280-120-101, 9001/a-137-065-101, 9001/a-315-070-101, 9001/b-172-270-101, 9001/b-307-075-101, 9001/a-158-005-101, 9001/a-398-020-101, 9001/b-172-390-101, 9001/b-412-040-101, 9001/a-158-150-101, 9001/a-398-050-101, 9001/b-175-020-101, 9001/c-086-000-101, 9001/a-158-270-101, 9001/b-016-015-101, 9001/b-175-050-101, 9001/c-168-000-101, 9001/a-158-390-101, 9001/b-016-050-101, 9001/b-175-075-101, 9001/c-199-000-101, 9001/a-168-007-101, 9001/b-016-050-111, 9001/b-175-100-101, 9001/c-280-000-

101, 9001/a-168-020-101, 9001/b-016-150-101, 9001/b-175-120-101, 9001/a-168-050-101, 9001/b-016-150-111, 9001/b-175-150-101, 9001/a-168-075-101, 9001/b-016-320-101, 9001/b-175-200-101.

Type 9002:

9002/00-120-024-001, 9002/11-199-030-001, 9002/13-280-100-041, 9002/33-280-000-001, 9002/00-260-138-001, 9002/11-260-138-001, 9002/13-280-110-001, 9002/34-280-000-001, 9002/10-187-020-001, 9002/11-280-112-001, 9002/22-016-383-111, 9002/77-093-040-001, 9002/10-187-270-001, 9002/11-280-293-001, 9002/22-032-300-111, 9002/77-093-300-001, 9002/10-210-030-001, 9002/11-280-293-021, 9002/22-048-442-111, 9002/77-100-400-001, 9002/11-120-024-001, 9002/13-199-225-001, 9002/22-158-200-001, 9002/77-150-300-001, 9002/11-130-360-001, 9002/13-252-121-041, 9002/22-240-024-001, 9002/77-220-146-001, 9002/11-137-029-001, 9002/13-280-093-001, 9002/22-240-160-001, 9002/77-280-094-001.

Shunt diode barriers providing intrinsically safe circuits for use in Class I, Groups C and D; Class II, Groups E, F and G; Class III, hazardous locations when installed in accordance with control drawing Nos. 90 016 11 31 3 or 90 026 11 31 3; Model Nos.:

Type 9001:

9001/a-199-390-101, 9001/a-280-165-101, 9001/b-217-270-101, 9001/b-217-390-101, 9001/b-307-130-101, 9001/b-412-065-101, 9001/b-412-095-101.

Type 9002:

9002/00-280-186-001, 9002/77-220-296-001, 9002/11-280-186-001, 9002/11-280-244-001, 9002/13-280-188-001.

Shunt diode barriers providing intrinsically safe circuits for use in Class I, Group D; Class II, Groups E, F and G; Class III, hazardous locations when installed in accordance with control drawing No. 90 016 11 31 3; Model Nos.: 9001/a-280-280-101, 9001/b-308-230-101.

where a = 00 (negative polarity) or 01 (positive polarity)

b = 02 (nonpolarized, AC)

c = 03 (Diode return type, positive polarity) or 04 (Diode return type, negative polarity)

Associated apparatus, Class I, Div. 2, Groups A, B, C and D; Class II, Div. 2, Groups F and G, Class III, hazardous locations.

Relay repeater, Model 9250/05-10 providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III hazardous locations when installed in accordance with installation wiring diagram Drawing No. 9250601310.

Shunt diode barriers providing intrinsically safe circuits for use in Class I, Groups C and D; Class II, Groups E, F and G; Class III hazardous locations when installed in accordance with control drawing No. 9001601310 or 9002601310; Models 9002/00-280-186-00, 9002/11-280-186-00, 9002/11-280-244-00, 9002/13-280-188-00, 9002/77-220-296-00, 9001/a-199-390-10, 9001/a-280-165-10, 9001/b-217-270-10, -390-10, 9001/b-307-130-10, 9001/b-412-065-10, -095-10. All model designations may be followed by 1.

Shunt diode barrier combinations providing intrinsically safe circuits for use in Class I, Groups A, B, C and D; Class II, Groups E, F and G; Class III hazardous locations when installed in accordance with control Drawing Nos. 9000-2UL and 9000-6UL.

Shunt diode barrier combinations providing intrinsically safe circuits for use in Class I, Groups C and D; Class II, Groups E, F and G; Class III hazardous locations when installed in accordance with control Drawing Nos. 9000-3UL, 9000-4UL.

Shunt diode barrier combinations providing intrinsically safe circuits for use in Class I, Group D; Class II, Groups E, F and G; Class III hazardous locations when installed in accordance with control Drawing Nos. 9000-1UL, 9000-5UL.

Class I, Division 1, Groups A, B, C and D.

Intrinsically safe LED indicator lights, Model 8013/32 when installed in accordance with control drawing No. 80 136 01 31 3.

Class I, Division 1, Groups A, B, C and D.

Pilot light, Type 8010/3-02-ws, intrinsically safe when installed per Control Drawing No. 80-106-01-31-3.

Intrinsically safe LED indicator lights, Model 8013/32 per drawing No. 80 136 01 31 3.



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