

# ASCO TRIPOINT® Pressure Switches

## MANUAL RESET SWITCH UNIT AND TRANSDUCER UNIT COMBINATIONS

**SD & SE SERIES**  
Form No.V5793R2

### DESCRIPTION

This sheet is a listing of switch unit and transducer unit combinations. The table below is provided to ensure that the proper switch unit is assembled to the proper transducer unit, thus providing a complete manual reset pressure switch. In the table below locate the switch unit catalog number being used. Then going to the right on the same line (as the switch unit catalog number) find the transducer unit catalog number which may be used with this particular switch unit.

**IMPORTANT:** The third digit in both the switch unit and transducer unit catalog numbers must be identical. For example, a switch unit Catalog No. SD41D can be used with transducer unit Catalog No. TD40A11. The mating produces a complete manual reset pressure switch, Catalog No. SD41D/TD40A11. If the third digit is not identical it is an incorrect mate and the units should not be assembled.

**NOTE:** Switch units listed to left may be used with any transducer units listed to right provided they are on the same horizontal line.

SWITCH UNITS						SPECIFICATIONS		PRESSURE TRANSDUCER UNITS			
General Purpose Enclosure Type 1		Watertight Enclosure Types 3, 3S, 4, & 4X		Explosionproof Enclosure Types 3, 3S, 4, 4X, 7 & 9		Adjustable Operating Range (psig)	Proof Pressure (psig)	Air Non-Hazardous Oil & Gas Alum/ Buna N	Air-Water-Non-Hazardous Oil & Steam 303 St. St. & Buna N	Fuel Gas Aluminum/ Buna N	Corrosive Fluid Air-Water Non-Hazardous Gas & Oil 303 or 316 St. St. & VITON*
SD40D	SE40D	SD41D	SE41D	SD42D	SE42D	0 – 12" W.C.	25	TA40A11	TA40A31	–	TA40A32
SD30D	SE30D	SD31D	SE31D	SD32D	SE32D	0 – 27" W.C.	25	TA30A11	TA30A31	TA31A11 †	TA30A32
SD20D	SE20D	SD21D	SE21D	SD22D	SE22D	0 – 65" W.C.	25	TA20A11	TA20A31	TA21A11 †	TA20A32
SD20D	SE20D	SD21D	SE21D	SD22D	SE22D	15 – 140" W.C.	40	TB20A11	TB20A31	TB21A11 †	TB20A32
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	15 – 250" W.C.	40	TB10A11	TB10A31	TB11A11 †	TB10A32
SE10D	SE10D	SD11D	SE11D	SD12D	SE12D	25 – 400" W.C.	40	TC10A11	TC10A31	TC11A11 †	TC10A32
–	–	–	–	–	–	–	–	–	Brass & Buna N	–	–
SD30D	SE30D	SD31D	SE31D	SD32D	SE32D	0 – 30" Hg	50	TV34A11	TV34A21	–	TV34A32
SD20D	SE20D	SD21D	SE21D	SD22D	SE22D	15 psi – 30 Hg	50	TV24A11	TV24A21	–	TV24A32
SD40D	SE40D	SD41D	SE41D	SD42D	SE42D	0.4 – 4.5	100	TD40A11	TD40A21	–	TD40A42
SD30D	SE30D	SD31D	SE31D	SD32D	SE32D	0.7 – 9.0	100	TD30A11	TD30A21	–	TD30A42
SD20D	SE20D	SD21D	SE21D	SD22D	SE22D	1.0 – 18	100	TD20A11	TD20A21	–	TD20A42
–	–	–	–	–	–	–	–	–	316 St. St. & VITON*	–	–
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	10 – 300	3000	–	TH13A42	–	–
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	5 – 200	3000	–	TG13A42	–	–
SD20D	SE20D	SD21D	SE21D	SD22D	SE22D	5 – 120	3000	–	TG23A42	–	–
SD30D	SE30D	SD31D	SE31D	SD32D	SE32D	5 – 60	3000	–	TG33A42	–	–
–	–	–	–	–	–	–	–	–	–	316 St. St. & VITON*	–
SD30D	SE30D	SD31D	SE31D	SD32D	SE32D	200 – 1000	5000	–	–	TN32B42	–
SD20D	SE20D	SD21D	SE21D	SD22D	SE22D	200 – 2100	5000	–	–	TN22B42	–
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	200 – 3500	5000	–	–	TN12B42	–
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	500 – 8000	9000	–	–	TQ12B42	–
–	–	–	–	–	–	–	–	–	Brass & Buna N	Fuel Oil – 316 St. St.	–
SD40D	SE40D	SD41D	SE41D	SD42D	SE42D	0.8 – 9.0	150	–	–	TE40A44	–
SD30D	SE30D	SD31D	SE31D	SD32D	SE32D	1.0 – 18	150	–	–	TE30A44	–
SD20D	SE20D	SD21D	SE21D	SD22D	SE22D	1.5 – 36	150	TE20A11	TE20A21	–	TE20A42
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	2 – 60	150	TE10A11	TE10A21	TE10A44	TE10A42
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	3 – 100	200	TF10A11	TF10A21	TF10A44	TF10A42
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	6 – 200	400	TG10A11	TG10A21	TG10A44	TG10A42
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	13 – 300	600	TH10A11	TH10A21	TH10A44	TH10A42
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	15 – 400	600	TJ10A11	TJ10A21	TJ10A44	TJ10A42
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	30 – 600	900	–	TK10A21	–	TK10A42
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	50 – 1000	1500	–	TL10A21	–	TL10A42
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	75 – 1500	2300	–	TM10A21	–	TM10A42
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	200 – 3500	5000	–	TN10B21	–	TN10B42
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	500 – 8000	9000	–	–	–	TQ10B42
–	–	–	–	–	–	–	–	–	–	Brass & Buna N	–
SD30D	SE30D	SD31D	SE31D	SD32D	SE32D	1.5 – 30	200	–	–	TF32A21	–
SD20D	SE20D	SD21D	SE21D	SD22D	SE22D	2.0 – 60	200	–	–	TF22A21	–
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	3.0 – 100	200	–	–	TF12A21	–
SD40D	SE40D	SD41D	SE41D	SD42D	SE42D	10 – 75	200	–	–	TK42A21	–
SD30D	SE30D	SD31D	SE31D	SD32D	SE32D	10 – 150	400	–	–	TK32A21	–
SD20D	SE20D	SD21D	SE21D	SD22D	SE22D	10 – 300	400	–	–	TK22A21	–
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	30 – 600	900	–	–	TK12A21	–
SD30D	SE30D	SD31D	SE31D	SD32D	SE32D	200 – 1000	5000	–	–	TN32B21	–
SD20D	SE20D	SD21D	SE21D	SD22D	SE22D	200 – 2100	5000	–	–	TN22B21	–
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	200 – 3500	5000	–	–	TN12B21	–

† Proof pressure TA\_1A\_ 15 psig/TB\_1A\_ + TC\_1A\_ 25 psig.

\*DuPont's Registered Trademark

### DESCRIPTION

This sheet is a listing of switch unit and transducer unit combinations. The table below is provided to ensure that the proper switch unit is assembled to the proper transducer unit, thus providing a complete manual reset temperature switch. In the table below locate the switch unit catalog number being used. Then going to the right on the same line (as the switch unit catalog number) find the transducer unit catalog number which may be used with this particular switch unit.

**IMPORTANT:** The third digit in both the switch unit and transducer unit catalog numbers must be identical. For example, a switch unit Catalog No. SD10D can be used with transducer unit Catalog No. QD10A1. The mating produces a complete manual reset temperature switch Catalog No. SD10D/QD10A1. If the third digit is not identical it is an incorrect mate and the units should not be assembled.

**NOTE:** Switch units listed to left may be used with any transducer units listed to right provided they are on the same horizontal line.

SWITCH UNITS						SPECIFICATIONS				TRANSDUCER UNITS			
General Purpose Enclosure Type 1		Water tight Enclosure Types 3, 3S, 4, 4X		Explosion proof Enclosure Types 3, 3S, 4, 4X, 7 & 9		Adjustable Operating Range (°F and °C)	Maximum Rated Over-range Temperature (°F and °C)			Direct Mount		6' Capillary and Bulb	
							Direct Mount	Capillary		Copper	316 S.S.	Copper Armored Capillary	316 S.S. Plain Capillary
								Copper	S.S.	Catalog No.	Catalog No.	Catalog No.	Catalog No.
SD10D	SE10D	SD11D	SE11D	SED2D	SE12D	-30 to 60°F	250°F	250°F	250°F	QB10A1	QB10A4	QB11A1	QB11A4
						-34 to +16°C	121°C	121°C	121°C				
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	0 to 90°F	260°F	300°F	300°F	QD10A1	QD10A4	QD11A1	QD11A4
						-18 to +32°C	127°C	149°C	149°C				
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	50 to 160°F	260°F	350°F	350°F	QF10A1	QF10A4	QF11A1	QF11A4
						10 to 71°C	127°C	177°C	177°C				
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	100 to 220°F	260°F	450°F	450°F	QJ10A1	QJ10A4	QJ11A1	QJ11A4
						38 to 104°C	127°C	232°C	232°C				
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	160 to 260°F	260°F	500°F	500°F	QL10A1	QL10A4	QL11A1	QL11A4
						71 to 127°C	127°C	260°C	260°C				
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	225 to 340°F	—	550°F	600°F	—	—	QN11A1	QN11A4
						107 to 171°C	—	287°C	316°C				
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	300 to 450°F	—	550°F	700°F	—	—	QT11A1	QT11A4
						149 to 232°C	—	287°C	371°C				
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	350 to 510°F	—	550°F	800°F	—	—	QU11A1	QU11A4
						177 to 266°C	—	287°C	427°C				
SD10D	SE10D	SD11D	SE11D	SD12D	SE12D	425 to 640°F	—	—	890°F	—	—	—	QW11A4
						218 to 337°C	—	—	477°C				