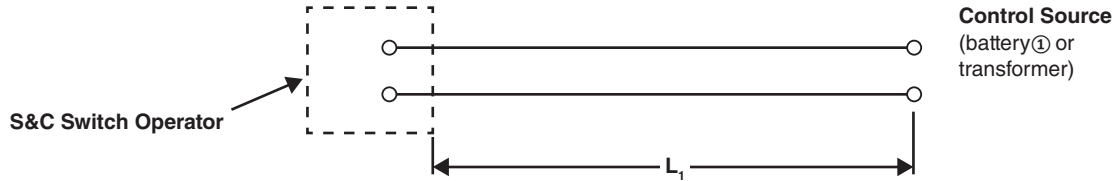


SCHEMATIC DIAGRAM

(wiring to be furnished by user)



S&C Type AS-1A and AS-10 Switch Operators (for Alduti-Rupter® Switches)

Application		S&C Switch Operator		Control-Source Voltage	Motor		Minimum Size of Control Wire ^② for Line L_1 , A.W.G.						
High-Voltage Device	Rating of High-Voltage Device	Type	Catalog Number		Rating, Volts	Accelerating Current at Rated Voltage, Amperes	Distance, Feet (cm)						
							100 (3 048)	200 (6 096)	300 (9 144)	400 (12 192)	500 (15 240)	1000 (30 480)	2000 (60 960)
Alduti-Rupter Switches—rotating-type operating mechanism	7.2 thru 46 kV	AS-1A	38847R-A	48 Vdc	48	80	6	4	2	1	1/0	4/0	—
			38847R4-B	125 Vdc	125	30	12	10	8	8	6	4	1
			38847R4-D	115 V 60 Hz	115	46	10	6	6	4	2	1/0	—
			38847R4-E	230 V 60 Hz	230	23	12	12	10	10	8	6	2
Alduti-Rupter Switches—reciprocating-type operating mechanism	7.2 thru 46 kV	AS-10	38852R4-A 38853R4-A	48 Vdc	48	80	6	4	2	1	1/0	4/0	—
			38852R4-B 38853R4-B	125 Vdc	125	30	12	10	8	8	6	4	1
			38852R4-D 38853R4-D	115 V 60 Hz	115	46	10	6	6	4	2	1/0	—
			38852R4-E 38853R4-E	230 V 60 Hz	230	23	12	12	10	10	8	6	2

① Recommended minimum battery ratings for Type AS-1A and AS-10 Switch Operators are:

Volts, dc	One-Minute Discharge Rate, Amperes
48	75
125	36

② Where long distances and large wire sizes are encountered, consider the comparative cost of relocating the battery closer to the switch operator.



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