

Operator features

Digitran designs operator ease and product reliability into all switch products. Easy in-line readability is accomplished through matched window and character size that is

determined by the number of dial positions in each series. There is positive tactile feel on all thumbwheel, lever and pushbutton switches. These features are described below.

Series	Positions	Max. Character Height	Window Height	Window Width	Visual Comparison Positions				Operating Force in Ounces	Life Detent Operations
					8	10	12	16		
200	8	4.31 (.170)	5.79 (.228)	4.06 (.160)					7-14	1,000,000+
	10	4.31 (.170)	5.79 (.228)	4.06 (.160)	3	3	3	•		
	12	3.63 (.143)	5.79 (.228)	4.06 (.160)						
300	8	5.96 (.235)	9.52 (.375)	5.58 (.220)					7-10	1,000,000+
	10	5.96 (.235)	9.52 (.375)	5.58 (.220)	3	3	3	3		
	12	5.79 (.228)	8.50 (.335)	5.58 (.220)						
	16	4.06 (.160)	5.96 (.235)	5.58 (.220)						
700	8	4.31 (.170)	5.79 (.228)	4.06 (.160)					7-14	1,000,000+
	10	4.31 (.170)	5.79 (.228)	4.06 (.160)	3	3	3	3		
	12	3.63 (.143)	5.79 (.228)	4.06 (.160)						
	16	3.04 (.120)	4.06 (.160)	4.06 (.160)						
8000	8	5.08 (.200)	5.79 (.228)	5.84 (.230)					6-14	1,000,000+
	10	5.08 (.200)	5.79 (.228)	5.84 (.230)	3	3	•	3		
	16	3.04 (.120)	3.70 (.146)	5.84 (.230)						
9000	8	5.96 (.235)	9.52 (.375)	5.58 (.220)					7-10	1,000,000+
	10	5.96 (.235)	9.52 (.375)	5.58 (.220)	3	3	3	3		
	12	5.79 (.228)	9.52 (.375)	5.58 (.220)						
	16	4.06 (.160)	5.96 (.235)	5.58 (.220)						
12000	8	4.31 (.170)	5.74 (.226)	4.19 (.165)					30-60	1,000,000+
	10	4.31 (.170)	5.74 (.226)	4.19 (.165)	3	3	•	•		
13000	8	5.96 (.235)	9.52 (.375)	5.58 (.220)					7-10	1,000,000+
	10	5.96 (.235)	9.52 (.375)	5.58 (.220)	3	3	3	3		
	12	5.79 (.228)	8.50 (.335)	5.58 (.220)						
	16	4.06 (.160)	5.96 (.235)	5.58 (.220)						
23000	10	4.31 (.170)	5.33 (.210)	3.45 (.136)	•	3	•	•	4-8	1,000,000+
24000	10	5.08 (.200)	6.60 (.260)	4.31 (.170)	•	3	•	•	12-36	1,000,000+

Series	Positions	Max. Character Height	Window		Visual Comparison Positions				Operating Force in Ounces	Life Detent Operations
			Height	Width	8	10	12	16		
28000	10	5.08 (.200)	7.62 (.300)	4.57 (.180)	•	3	3	•	4-8	1,000,000+
	12	5.08 (.200)	7.62 (.300)	4.57 (.180)	•	3	3	•		
29000	10	4.90 (.193)	6.60 (.260)	4.01 (.158)	•	3	3	3	4-8	1,000,000+
	12	4.06 (.160)	6.60 (.260)	4.01 (.158)	•	3	3	3		
	16	3.17 (.125)	4.19 (.165)	4.01 (.158)	•	3	3	3		
43000	10	5.08 (.200)	6.04 (.238)	7.36 (.290)	•	3	•	•	4-10	500,000+
44000	10	5.08 (.200)	6.90 (.272)	3.04 (.120)	•	3	•	•	4-10	500,000+
45000	10	5.08 (.200)	6.90 (.272)	3.04 (.120)	•	3	•	•	4-10	500,000+
53000	10	4.31 (.170)	5.71 (.225)	3.93 (.155)	•	3	3	•	20-40	1,000,000 +
	12	4.31 (.170)	5.71 (.225)	3.93 (.155)	•	3	3	•		
63000	10	4.31 (.170)	5.74 (.226)	4.31 (.170)	•	3	3	•	20-40	1,000,000 +
	12	3.96 (.156)	5.74 (.226)	4.31 (.170)	•	3	3	•		
64000	16	3.96 (.156)	4.57 (.180)	5.08 (.200)	•	•	•	3	20-40	

NOTES:

1. Character height cannot be increased from those listed. For maximum usable window width consult factory.

2. When ordering an assembly with 8, 10, 12 or 16 position mixed modules, all dials can be hot stamped to the 16 position character size for uniformity.