

Push Button and Operator Interface - Type B and 30 mm Control Stations

Type K, SK, KX, and T — 30 mm Industrial Duty Enclosures

Enclosures Only (For Customer Assembly)

No. of Units	UL Types 1, 3 and 13/NEMA Types 1, 3 and 13		UL Types 1, 3, 4 and 13 NEMA Types 1, 3, 4 and 13 ①	UL Types 1, 3, 4, 4X and 13 NEMA Types 1, 3, 4, 4X and 13 ①	
	Surface Mounting		Surface Mounting	Surface Mounting	
	Sheet Steel	Flush Mounting without Pullbox ③ ④		Die Cast Aluminum ④	Stainless Steel (304) ⑤
	Type	Type	Type		Type
1	KYAF1	KZ11	KY1	KYSS1	SKY1
2	KYAF2	KZ21②	KY2②	KYSS2	SKY2
3	KYAF3	KZ31②	KY3②	KYSS3	SKY3
4	KYAF4	KZ41②	KY4②	KYSS4	SKY4
6	KYAF6	KZ6	KY6	KYSS6	SKY6
9	KYAF9	KZ9	KY9	KYSS9	SKY9
12	KYAF12	KZ12	KY12	KYSS12	SKY12
16	KYAF16	KZ16	KY16	KYSS16	SKY16
20	KYAF20	Not Avail.	Not Avail.	KYSS20	SKY20
25	KYAF25	Not Avail.	Not Avail.	KYSS25	SKY25
30	KYAF30	Not Avail.	Not Avail.	KYSS30	Not Avail.

- ① Type K Series A through Series G operators were rated NEMA Type 1, 3, 12, and 13. Type K Series H operators are rated UL Types 1, 3, 4, 6, 12 and 13/NEMA Types 1, 3, 4, 6, 12, and 13.
- ② Only KN200 series legend plates will fit upright on these enclosures with their long axis vertical.
- ③ For machine cavity mounting. Pull box not available.
- ④ Type KN1, KN6 and KN7 a series of legend plates will not fit on these enclosures.
- ⑤ Standard Type KYSS enclosures are supplied with Type 304 stainless steel — Use Form Y35 and order by description — contact your local Square D sales office.

Custom Built Control Stations

The catalog numbers shown include the enclosure only. A complete assembled control station is the enclosure plus all control units to be installed. **Orders must be accompanied with a key sheet (M-7687) or sketch showing all control units in their desired locations. Specify the marking on the nameplates for the enclosure.** The standard nameplate size is 1.69" (43 mm) by 0.5" (13 mm) inches. It has a black field with white letters. For nameplates other than our standard, contact your local Square D Sales Office. There is an additional charge to move or add an additional conduit hole or change the diameter of the conduit.

Example: Add a 1 inch conduit to the top (nonstandard location) of a KY6 enclosure and increase the bottom conduit from 3/4" to 1 inch (19 to 25 mm). There would be an additional charge for the top conduit and the bottom conduit. If 20 or more identical stations are ordered at one time, there is no additional charge.

No. of Units	UL Types 1, 3 and 13/NEMA Types 1, 3 and 13		UL Types 1, 3, 4 and 13 NEMA Types 1, 3, 4 and 13 ①	UL Types 1, 3, 4, 4X and 13/NEMA Types 1, 3, 4, 4X and 13 (1)	
	Surface Mounting		Surface Mounting	Surface Mounting	
	Sheet Steel	Flush Mounting without Pullbox ③ ④		Die Cast Aluminum ④	Stainless Steel (304) ⑤
	Type	Type	Type		Type
1	KYAF100	KZ110	KY10	KYSS100	SKY100
2	KYAF200	KZ210②	KY20②	KYSS200	SKY200
3	KYAF300	KZ310②	KY30②	KYSS300	SKY300
4	KYAF400	KZ410②	KY40②	KYSS400	SKY400
6	KYAF600	KZ60	KY60	KYSS600	SKY600
9	KYAF900	KZ90	KY90	KYSS900	SKY900
12	KYAF1200	KZ120	KY120	KYSS1200	SKY1200
16	KYAF1600	KZ160	KY160	KYSS1600	SKY1600
20	KYAF2000	Not Avail.	Not Avail.	KYSS2000	SKY2000
25	KYAF2500	Not Avail.	Not Avail.	KYSS2500	SKY2500
30	KYAF3000	Not Avail.	Not Avail.	KYSS3000	Not Avail.

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- ② Only KN200 series legend plates will fit upright on these enclosures with their long axis vertical.
- ③ For machine cavity mounting. Pull box not available.
- ④ Type KN1, KN6 and KN7 a series of legend plates will not fit on these enclosures.
- ⑤ Standard Type KYSS enclosures are supplied with Type 304 stainless steel — Use Form Y35 and order by description — contact your local Square D sales office.
- ⑥ For a copy of M-7687 keysheet, reference D-Fax™ #1143 or see pages 188-189.

Standard Assembled Control StationsPages 183-184
DimensionsPages 186-187
Key Sheet for Custom Assembled Control StationsPages 188-189

Push Button and Operator Interface - Type B and 30 mm Control Stations

Types K and SK — 30 mm Enclosure Dimensions

Location Of Control Units

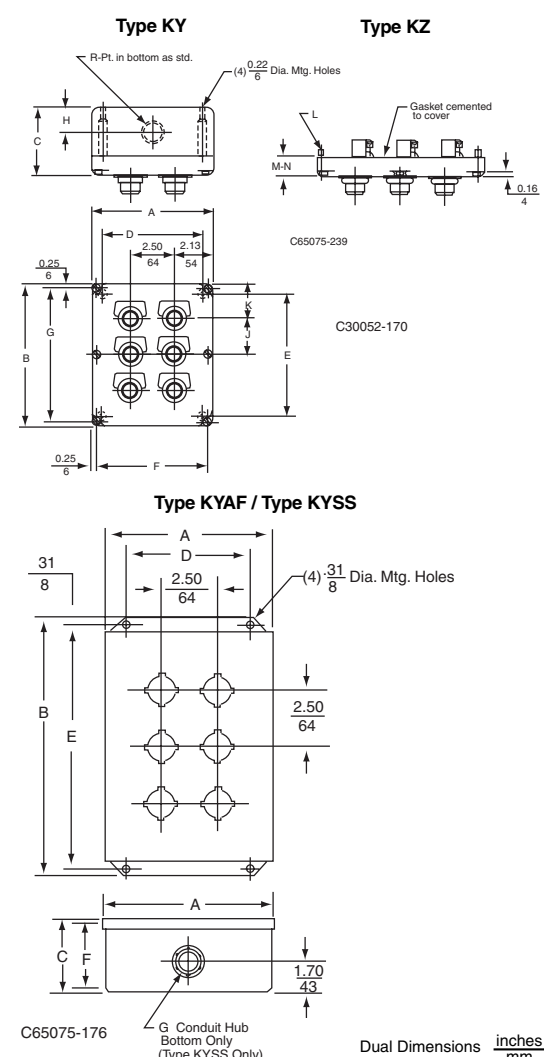
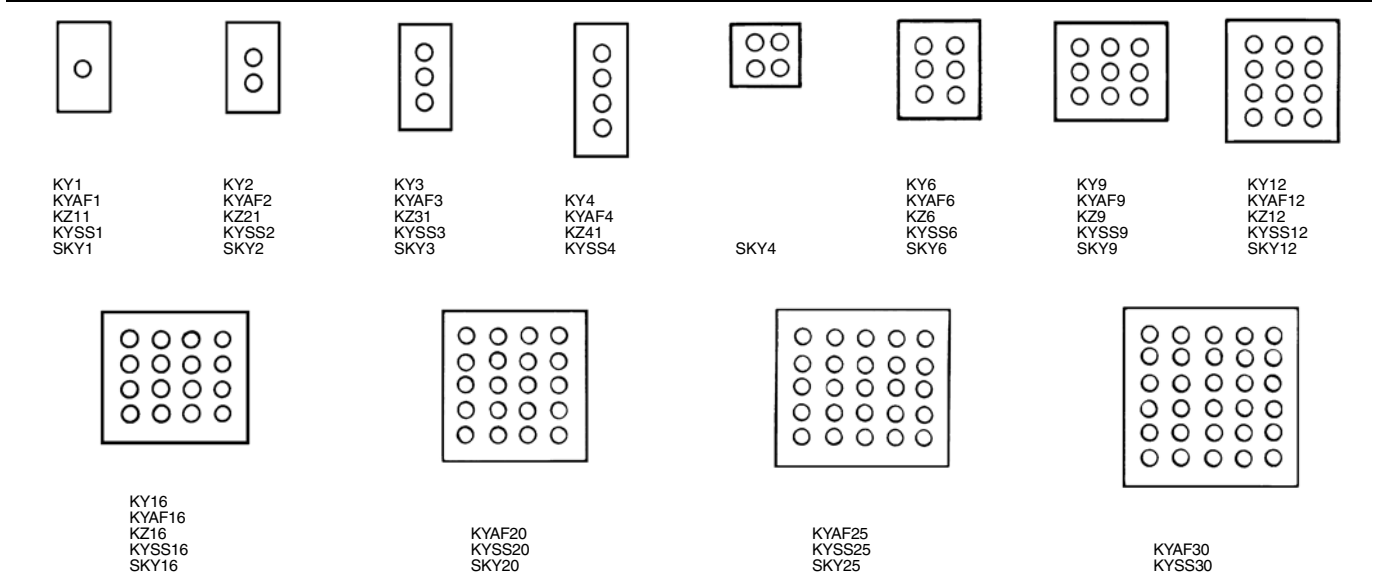


Table for Type KY and KZ

No. of Units	Overall Dimensions			Mounting Dim.				Conduit		Other Dimensions			Cover Thickness	
	A	B	C	KY		KZ		H	R	J	K	L	KY	KZ
				D	E	F	G						M	N
1	3 ⁵ / ₈	4	3 ¹⁷ / ₃₂	3	2 ³ / ₄	3 ¹ / ₈	5 ¹ / ₂	1 ¹ / ₈	3/4-14	—	2	10-24 x 5/8	1.18	.50
2	3 ⁵ / ₈	5 ³ / ₄	3 ¹⁷ / ₃₂	3	4 ¹ / ₂	3 ¹ / ₈	5 ¹ / ₄	1 ¹ / ₈	3/4-14	1 ³ / ₄	2	10-24 x 5/8	1.18	.50
3	3 ⁵ / ₈	7 ¹ / ₂	3 ¹⁷ / ₃₂	3	6 ¹ / ₄	3 ¹ / ₈	7	1 ¹ / ₈	3/4-14	1 ³ / ₄	2	10-24 x 5/8	1.18	.50
4	3 ⁵ / ₈	9 ¹ / ₄	3 ¹⁷ / ₃₂	3	8	3 ¹ / ₈	8 ³ / ₄	1 ¹ / ₈	3/4-14	1 ³ / ₄	2	10-24 x 5/8	1.18	.50
6	6 ³ / ₄	8	3 ²⁷ / ₃₂	5 ⁵ / ₈	6 ⁵ / ₈	6 ¹ / ₄	7 ¹ / ₂	1 ³ / ₈	3/4-14	2	2	8-32	1.06	1.06
9	9 ¹ / ₄	8	3 ²⁷ / ₃₂	8 ¹ / ₈	6 ⁵ / ₈	8 ³ / ₄	7 ¹ / ₂	1 ³ / ₈	1-11 ¹ / ₂	2	2	8-32	1.06	1.06
12	9 ¹ / ₄	10	4 ⁵ / ₃₂	8 ¹ / ₈	8 ⁵ / ₈	8 ³ / ₄	9 ¹ / ₂	1 ¹⁹ / ₃₂	1-11 ¹ / ₂	2	2	8-32	.88	.88
16	11 ³ / ₄	10 ¹ / ₂	4 ⁵ / ₃₂	10 ⁵ / ₈	9 ⁵ / ₈	11 ¹ / ₄	10	1 ¹⁹ / ₃₂	1-11 ¹ / ₂	2	2 ¹ / ₄	8-32	.88	.88

Table for Type KYAF and KYSS

No. of Units	Overall Dimensions						Mounting Dimensions				Inside Dim.		Conduit For Type KYSS Only
	A		B		C		D		E		F		G
	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	IN	mm	
1	4.18	106	5.24	133	3.63	92	2.25	57	4.62	117	3.41	87	3/4-14
2	4.18	106	7.74	197	3.63	92	2.25	57	7.12	181	3.41	87	3/4-14
3	4.18	106	10.24	260	3.63	92	2.25	57	9.62	244	3.41	87	3/4-14
4	4.18	106	12.74	324	3.63	92	2.25	57	12.12	308	3.41	87	3/4-14
6	7.43	189	11.37	289	4.34	110	5.50	140	10.75	273	4.13	105	3/4-14
9	9.68	246	11.37	289	4.34	110	7.75	197	10.75	273	4.13	105	1-11 ¹ / ₂
12	9.68	246	13.87	352	4.34	110	7.75	197	13.25	337	4.13	105	1 ¹ / ₂ -11 ¹ / ₂
16	11.93	303	13.87	352	4.34	110	10.00	254	13.25	337	4.13	105	1 ¹ / ₂ -11 ¹ / ₂
20	11.93	303	16.37	416	4.34	110	10.00	254	15.75	400	4.13	105	1 ¹ / ₂ -11 ¹ / ₂
25	14.18	360	16.37	416	4.34	110	12.25	311	15.75	400	4.13	105	(2)1 ¹ / ₂ -11 ¹ / ₂
30	14.18	360	18.87	479	4.34	110	12.25	311	18.25	464	4.13	105	(2)1 ¹ / ₂ -11 ¹ / ₂