

Auxiliary Switch

Table 12-314. L- and M-Frames Auxiliary Switch

Number of Sets of Contacts (1a and 1b)	Mounting Location (Pole)	Factory Mounted								Field Mounted			
		Connection Type and Location								Field Installation Kits ①			
		18-Inch (457.2 mm) Pigtail Leads						Terminal Block		Pigtail Leads		Terminal Block	
		Same Side		Rear ②		Opposite Side		Same Side		Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$
Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$						
1	Left	A01	200.	A02	200.	A03	200.	A04	200.	A1X4PK	200.	A1X4LTK	200.
	Right ②	A05	200.	A06	200.	A07	200.	A08	200.	A1X4PK	200.	A1X4RTK ③	200.
2	Left	A09	400.	A10	400.	—	—	A11	400.	A2X4PK	400.	A2X4LTK	400.
	Right ②	A12	400.	A13	400.	—	—	A14	400.	A2X4PK	400.	A2X4RTK ③	400.
3	Left	A18	600.	—	—	—	—	A15	600.	A3X4PK	610.	A3X4LTK	610.
	Right ②	A17	600.	—	—	—	—	A16	600.	A3X4PK	610.	A3X4RTK ③	610.

① Listed with Underwriters Laboratories for field installation under E64983.

② Standard mounting location — leads exit rear of breaker.

③ Not for use on 4-pole circuit breaker.

Note: Instruction Leaflet/FRED Number 29C123

Table 12-315. N-Frame Auxiliary Switch

Number of Sets of Contacts (1A and 1B)	Mounting Location (Pole)	Factory Mounted								Field Mounted			
		Connection Type and Location								Field Installation Kits ④			
		18-Inch (457.2 mm) Pigtail Leads						Terminal Block		Pigtail Leads		Terminal Block	
		Same Side		Rear ⑤		Opposite Side		Same Side		Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$
Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$						
1	Left	A01	200.	A02	200.	A03	200.	A04	200.	A1X5PK	200.	A1X5LTK	200.
	Right ⑥	A05	200.	A06	200.	A07	200.	A08	200.	A1X5PK	200.	A1X5RTK ⑥	200.
2	Left	A09	400.	A10	400.	—	—	A11	400.	A2X5PK	400.	A2X5LTK	400.
	Right ⑥	A12	400.	A13	400.	—	—	A14	400.	A2X5PK	400.	A2X5RTK ⑥	400.
3	Left	A18	600.	—	—	—	—	A15	600.	A3X5LPK	610.	A3X5LTK	610.
	Right ⑥	A17	600.	—	—	—	—	A16	600.	A3X5RPK	610.	A3X5RTK ⑥	610.

④ Listed with Underwriters Laboratories for field installation under E64983.

⑤ Standard mounting location — leads exit rear of breaker.

⑥ Not for use on 4-pole circuit breaker.

Note: Instruction Leaflet/FRED Number 29C124

Table 12-316. R-Frame Auxiliary Switch (RH only)

Number of Contacts (Make and Break)	Factory Mounted		Field Mounted	
	Connection Type and Location		Field Installation Kits ⑦	
	18-Inch (457.2 mm) Pigtail Leads		Pigtail Leads	
	Suffix Number ⑧	Adder U.S. \$	Catalog Number ⑧	Price U.S.
2	A12	605.	A2X6RPK	605.
4	A19	900.	A4X6RPK	900.

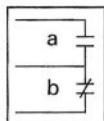
⑦ Listed with Underwriters Laboratories for field installation under E64983.

⑧ A maximum of two auxiliary switches (any combination of 2a/2b or 4a/4b plug-in modules may be installed in a circuit breaker.

Note: Instruction Leaflet/FRED Number 29C125

Auxiliary Switch

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The Auxiliary Switch provides circuit breaker contact status information by monitoring the position of the molded cross bar which contains the moving contact arms. The auxiliary switch is used for remote indication and interlock system verification, and consists of one or two SPDT switches housed in a plug-in module. Each SPDT switch has one "a" and one "b" contact. When the circuit breaker contacts are open, the "a" contact is open and the "b" contact is closed.

Table 12-302. F-Frame Electrical Rating Data ①②

Maximum Voltage	Frequency	Maximum Current Amperes	Dielectric Withstand Voltage
125 ③	50/60 Hz	1	2500
600	50/60 Hz	6	
125	DC	0.50 ④	
250	DC	0.25 ④	

- ① Endurance: 6000 electrical operations plus 4000 mechanical operations.
- ② Pigtail wire size: 18 AWG (0.82 mm²).
- ③ For use in electronic circuit of 100 micro-amperes and 15V DC minimum.
- ④ Non-inductive load.

Table 12-303. J-Frame Electrical Rating Data ⑤⑥

Maximum Voltage	Frequency	Maximum Current Amperes	Dielectric Withstand Voltage
600	50/60 Hz	6	2500
125	DC	0.50 ⑦	
250	DC	0.25 ⑦	

- ⑤ Endurance: 6000 electrical operations plus 4000 mechanical operations.
- ⑥ Pigtail wire size: 18 AWG (0.82 mm²).
- ⑦ Non-inductive load.

Table 12-304. K-Frame Electrical Rating Data ⑧⑨

Maximum Voltage	Frequency	Maximum Current Amperes	Dielectric Withstand Voltage
600	50/60 Hz	6	2500
125	DC	0.50 ⑩	
250	DC	0.25 ⑩	

- ⑧ Endurance: 5000 electrical operations plus 1000 mechanical operations.
- ⑨ Pigtail wire size: 18 AWG (0.82 mm²).
- ⑩ Non-inductive load.

Table 12-308. G-Frame Auxiliary Switch (RH only)

Electrical Ratings			Contact Arrangement	Catalog Number ⑪⑫	Price U.S. \$	Factory Suffix	Adder U.S. \$
Volts	Frequency	Amperes					
240	50/60 Hz	6	1a/1b	1288C74G03	200.	A3	200.
240	50/60 Hz	6	2a/2b	1288C73G03	400.	A6	400.

- ⑪ Includes 24-inch external pigtail leads, 18 AWG (16-.010).
 - ⑫ A maximum of two internal accessories may be mounted in a 3-pole circuit breaker. Suitable for mounting in right pole only of 2- or 3-pole breaker.
- Note: Instruction Leaflet/FRED Number 15551

Table 12-309. E125 Auxiliary Switch

Electrical Ratings			Contact Arrangement	Catalog Number	Price U.S. \$
Volts	Frequency Hz	Amperes			
600	50/60	6	1A - 1B	AUX1A1BPK	200.
125	DC	0.5	2A - 2B	AUX2A2BPK	400.
250	DC	0.25			

Note: Instruction Leaflet/FRED Number 29C153

Table 12-305. L- and M-Frames Electrical Rating Data ⑬

Maximum Voltage	Frequency	Maximum Current Amperes	Dielectric Withstand Voltage
600	50/60 Hz	6	2500
125	DC	0.50 ⑭	
250	DC	0.25 ⑭	

- ⑬ Pigtail wire size: 18 AWG (0.82 mm²).
- ⑭ Non-inductive load.

Table 12-306. N-Frame Electrical Rating Data ⑮⑯

Maximum Voltage	Frequency	Maximum Current Amperes	Dielectric Withstand Voltage
600	50/60 Hz	6	2500
125	DC	0.50 ⑰	
250	DC	0.25 ⑰	

- ⑮ Endurance: 3000 electrical operations plus 1000 mechanical operations.
- ⑯ Pigtail wire size: 18 AWG (0.82 mm²).
- ⑰ Non-inductive load.

Table 12-307. R-Frame Electrical Rating Data ⑱⑲

Maximum Voltage	Frequency	Maximum Current Amperes
600	50/60 Hz	6
125	DC	0.50 ⑳
250	DC	0.25 ㉑

- ⑱ Endurance: 500 electrical operations plus 2500 mechanical operations.
- ⑲ Pigtail wire size: 18 AWG (0.82 mm²). Leads are red, black and blue.
- ⑳ Non-inductive load.