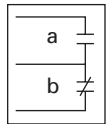


Auxiliary Switch and Alarm Switch Combination

Auxiliary Switch and Alarm Switch Combination



Each Catalog Number listed in **Tables 45-199 – 45-206** includes one Auxiliary Switch and one Alarm Switch. In an auxiliary switch ASL switch combination, the auxiliary switch is always mounted on the side of the plug-in module next to the center pole of the circuit breaker.

Table 45-199. F-Frame Electrical Rating Data ①②

Maximum Voltage	Frequency	Maximum Current Amperes	Dielectric Withstand Voltage
600	50/60 Hz	6	2500
125	dc	0.50 ③	2200
250	dc	0.25 ③	2200

- ① Endurance: 6000 electrical operations plus 4000 mechanical operations.
- ② Pigtail wire size: 18 AWG (0.82 mm²).
- ③ Non-inductive load.

Table 45-200. J-Frame Electrical Rating Data ④⑤

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

- ④ Endurance: 6000 electrical operations plus 2000 mechanical operations.
- ⑤ Pigtail wire size: 18 AWG (0.82 mm²).
- ⑥ Non-inductive load.

Table 45-201. K-Frame Electrical Rating Data ⑦⑧

Maximum Voltage	Frequency	Maximum Current Amperes	Dielectric Withstand Voltage
600	50/60 Hz	6	2500
125	dc	0.50 ⑨	
250	dc	0.25 ⑨	

- ⑦ Endurance: 5000 electrical operations plus 1000 mechanical operations.
- ⑧ Pigtail wire size: 18 AWG (0.82 mm²).
- ⑨ Non-inductive load.

Table 45-202. L-Frame Electrical Rating Data ⑩⑪

Maximum Voltage	Frequency	Maximum Current Amperes	Dielectric Withstand Voltage
600	50/60 Hz	6	2500
125	dc	0.50 ⑫	
250	dc	0.25 ⑫	

- ⑩ Endurance: 5000 electrical operations plus 1000 mechanical operations.
- ⑪ Pigtail wire size: 18 AWG (0.82 mm²).
- ⑫ Non-inductive load.

Auxiliary Switch and Alarm Switch Combination

Table 45-203. F-Frame and HMCP (F) Auxiliary Switch and Alarm Switch Combination

Mounting Location (Pole)	Factory Mounted						Field Mounted				
	Connection Type and Location						Field Installation Kits ^{①②}				
	18-Inch (457 mm) Pigtail Leads				Terminal Block		Pigtail Leads		Terminal Block		
	Same Side		Rear ^③		Same Side						
Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$
Left ^③	C01		C02		C03			AAL1LPK		AAL1LTK	
Right	C04		C05		C06			AAL1RPK		AAL1RTK ^④	

- ① Not listed with Underwriters Laboratories for field installation.
- ② For F-Frame HMCP, add an "M" to beginning of catalog number.
- ③ Standard mounting location.
- ④ Not for use on 4-pole circuit breakers.

Table 45-204. J-Frame and HMCP (J) Auxiliary Switch and Alarm Switch Combination

Number of Sets of Contacts (1a and 1b) (1m – 1b)	Mounting Location (Pole)	Factory Mounted						Field Mounted					
		Connection Type and Location						Field Installation Kits ^⑤					
		18-Inch (457 mm) Pigtail Leads				Terminal Block		Pigtail Leads		Terminal Block			
		Same Side		Rear ^⑥		Opposite Side		Same Side					
Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$		
1	Left Right ^⑥	C01		C02		—		C03		AAL2LPK		AAL2LTK	
		C04		C05		—		C06		AAL2RPK		AAL2RTK ^⑦	

- ⑤ Listed with Underwriters Laboratories for field installation of interchangeable trip unit breakers under E64983.
- ⑥ Standard mounting location — leads exit rear of breaker.
- ⑦ Not for use on 4-pole circuit breakers.

Table 45-205. K-Frame and HMCP (K) Auxiliary Switch and Alarm Switch Combination

Number of Sets of Contacts (1a and 1b) (1m – 1b)	Mounting Location (Pole)	Factory Mounted						Field Mounted					
		Connection Type and Location						Field Installation Kits ^⑧					
		18-Inch (457 mm) Pigtail Leads				Terminal Block		Pigtail Leads		Terminal Block			
		Same Side		Rear ^⑨		Opposite Side		Same Side					
Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$		
1	Left Right ^⑩	C01		C02		—		C03		AAL3LPK		AAL3LTK	
		C04		C05		—		C06		AAL3RPK ^⑪		AAL3RTK	

- ⑧ Listed with Underwriters Laboratories for field installation of interchangeable trip unit breakers under E64983.
- ⑨ Standard mounting location — leads exit rear of breaker.
- ⑩ Breakers with K-Frame OPTIM 550 can only accept accessories in left pole.
- ⑪ Will not install on OPTIM Trip (RH).

Table 45-206. L-Frame and HMCP (L) Auxiliary Switch and Alarm Switch Combination

Number of Sets of Contacts	Mounting Location (Pole)	Factory Mounted						Field Mounted					
		Connection Type and Location						Field Installation Kits ^⑫					
		18-Inch (457.2 mm) Pigtail Leads				Terminal Block		Pigtail Leads		Terminal Block			
		Same Side		Rear ^⑬		Opposite Side		Same Side					
Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Suffix Number	Adder U.S. \$	Catalog Number	Price U.S. \$	Catalog Number	Price U.S. \$		
1A, 1B and 1 Make/1 Break	Left Right ^⑭	C01		C02		—		C03		AA114LPK		AA114LTK	
		C04		C05		—		C06		AA114RPK		AA114RTK ^⑮	
2A, 2B and 1 Make/1 Break	Left Right ^⑭	C07		C08		—		C12		AA214LPK		AA214LTK	
		C10		C11		—		C13		AA214RPK		AA214RTK ^⑮	
3A, 3B and 1 Make/1 Break	Left Right ^⑭	C14		—		—		—		AA314LPK		—	
		C15		—		—		—		AA314RPK		—	

- ⑫ Listed with Underwriters Laboratories for field installation under E64983.
- ⑬ Standard mounting location — leads exit rear of breaker.
- ⑭ Not for use on 4-pole circuit breaker.