

External Accessories and Test Kit

External Accessories

Description	Fit Type	Frame EG	JG	LG	NG	RG
Non-padlockable handle block	Field	EFHB	—	—	LKD4	—
Padlockable handle block	Field	EFPHB	—	—	—	—
Padlockable handle block off-only	Field	EFPHBOFF	FJPHBOFF	LBHPOFF	—	—
Padlockable handle lock hasp	Field	EFPLK	FJPHL	LPHL	PLK5	HLK6
Padlockable handle lock hasp off-only	Field	EFPHLOFF	FJPHLOFF	LPHLOFF	PLK550FF	HLK60FF
Kirk key interlock kit ^{①②}	Field	—	KYKJG	KYKLG	KYK4	KYK6
Castell key interlock kit ^{②③}	Field	—	CTKJG	CTKLG	CTK4	CTK6
Slide bar interlock ^④	Field	EFSBI	FJSBI	LGSBI	SBK5	—
Walking beam interlock ^④	Three-pole	EG3WBI	JG3WBI	LG3WBI	WBL5	WBL6
	Four-pole	EG4WBI	JG4WBI	LG4WBI	WBL5	—
Electrical operator ^⑤	120 Vac	MOPEG240C	MOPJG120C	MOPLG120C	EOP5T07	EOP6T08K
	240 Vac	MOPEG240C	MOPJG240C	MOPLG240C	EOP5T11	EOP6T11K
	24 Vdc	MOPEG48D	MOPJG24D	MOPLG24D	EOP5T21	—
	48 Vdc	MOPEG48D	—	—	EOP5T22	EOP6T21K
	125 Vdc	MOPEG120C	MOPJG120C	MOPLG120C	EOP5T26	—
	220 Vdc	—	MOPJG240C	MOPLG240C	—	—
	250 Vdc	—	MOPJG240C	MOPLG240C	—	—
Plug-in adapters	Three-pole	PAD3E	PAD3J	PAD3L	PAD53	—
	Four-pole	PAD4E	PAD4J	PAD4L	—	—
Wohner busbar adapter	Field top	EG-BUS-T	JG-BUS-TB	LG-BUS-TB	—	—
	Field bottom	EG-BUS-B	JG-BUS-TB	LG-BUS-TB	—	—

Series G MCCB Frames EG, JG, and LG to mount to the SASY 60 mm Wohner Classic System

- UL file # E197132
- Compact design
- UL508 tested and certified using Wohner system with Eaton breakers
- No line side wiring required
- Up to 630 A MCCB
- Reverse feed possible

Wohner Busbar Adapter**Wohner Busbar Adapters**

Breaker Frame	Busbar Adapter	Connection Point
EG	EG-BUS-T	Top
EG	EG-BUS-B	Bottom
JG	JG-BUS-TB	Top or bottom
LG	LG-BUS-TB	Top or bottom

Notes

- ① Provision only.
- ② See **Page V4-T2-318** for bolt projection dimensions.
- ③ Castell bolt mounting hole must be 10 mm.
- ④ Requires two breakers.
- ⑤ Contact Eaton for availability of operators for EG- and NG-Frames before December 2004.

Accessories

Available Accessories

- Auxiliary switch
- Shunt trip
- Electrical operator
- Alarm lockout
- Undervoltage release
- Terminals
- Lock-off devices
- End cap kits
- Rotary handle mechanisms
- Flexible shaft handle mechanisms

Optional modifications

- Freeze testing

For complete internal and external accessories, see the accessory section of each frame.

External Accessories

Description	Frame	Catalog Number
Imperial Base Mounting Hardware		
0.164-32 x 1.5-inch pan-head steel screws and lockwashers	FD PV	BMH1
0.250-20 x 1.5 inch pan-head steel screws and lockwashers	KD PV KD PVS	BMH3
—	JG PVS	N/A
—	LG PV	N/A
0.3125-18 x 1.25 inch filister-head steel screws and lockwashers and flat washers	MDL PV	BMH5
Metric Base Mounting Hardware		
M4-0.7 x 38 mm pan-head steel screws and lockwashers	FD PV	BMH1M
M6-0.7 x 38 mm pan-head steel screws and lockwashers	KD PV KD PVS	BMH3M
—	JG PVS	Included ^①
—	LG PV	Included ^①
M8-1.25 x 35 mm pan-head steel screws and lockwashers	MDL PV	BMH5M
Interphase Barriers		
	FD PV	IPB1
	KD PV KD PVS	IPB3
	JG PVS	FJIPBK ^②
	LG PV	IPB3
	MDL PV	IPB4
Non-Padlockable Handle Block		
	FD PV	LKD1
	KD PV KD PVS	LKD3
	JG PVS	N/A
	LG PV	N/A
	MDL PV	LKD4
Padlockable Handle Lock Hasp ^③		
	FD PV	PLK1
	KD PV KD PVS	PLK3
	JG PVS	FJPHL
	LG PV	LPHL
	MDL PV	HLK4

Factory Modifications—Freeze Testing to –40°C ^④

Frame	Modification Code
FD PV	F01
JG PVS	F01
KD PV and KD PVS	F01
LG PV	F01
MDL PV	F01
Special calibration—contact Eaton for availability	

Molded Case Switches

Eaton's DC molded case switches (MCS) are used in applications requiring a compact, high capacity disconnect. PVGuard 1000 Vdc

MCS are UL 489B listed and have automatic instantaneous current protection. These devices do not provide overload protection.

Molded Case Switches

Maximum Continuous Ampere Rating at 50 °C	Interrupting Capacity Vdc	Poles in Series	Catalog Number
1000 Vdc Maximum			
100	3000	4	FDPV4100KW
200	5000	4	KDPV4200KW
250	5000	4	KDPV4250KW
350	5000	4	KDPV4350KW
400	5000	4	LGPV4400KSW
600	7500	3	MDLPV3600KSW

Notes

- ^① Base mounting hardware is included with a circuit breaker or a molded case switch (included with breaker). If required separately, order 66A2546G02.
- ^② Individually priced.
- ^③ Locks in ON and OFF position.
- ^④ Add 20% to list price.

Accessories**Line and Load Terminals**

Breaker Type	Maximum Breaker Amperes	Wire Type	AWG Wire Range (No. Conductors)	Catalog Number
E ² F/E ² FM	100	Cu/Al	#14–1/0 (1)	3T100FB (package of three)
	150	Cu	#4–4/0 (1)	3T150FB (package of three)
E ² J/E ² JM	250	Cu	#4–350 (1)	T250KB
E ² K/E ² KM/E ² KW	225	Cu	#3–350 (1)	T300K
	350	Cu	250–500 (1)	T350K
	400	Cu	2/0–250 (2)	3T400K (three-pole kit)
E ² LME/E ² LMZ	400	Cu/Al	500–750 (1)	3TA631LK
E ² L/E ² LM/E ² LW	400	Cu/Al	4/0–600 (1)	3TA401LDK (three-pole kit)
	600	Cu	250–350 (2)	T602LD
E ² M/E ² MM/E ² MW	600	Cu	(2) 2/0–500 kcmil	T600MA1
	600	Cu/Al	(2) 1–500 kcmil	TA700MA1
	800 std.	Cu/Al	(3) 3/0–400 kcmil	TA800MA2
	800	Cu/Al	(2) 500–750 kcmil	TA801MA
	800	Cu	(3) 3/0–300 kcmil	T800MA1
E ² N/E ² NM	700	Cu	2/0–500 (2)	T700NB1
	1000	Cu	3/0–500 (3)	T1000NB1
	1200	Cu	3/0–400 (4)	T1200NB3
	1600	Cu/Al	500–1000 (4)	TA1600RD
	2000	Cu/Al	2–600 (6)	TA2000RD

End Cap Terminals—For Use with Ring Type Terminals

Breaker Type	Maximum Breaker Amperes	Catalog Number	Metric Catalog Number	Imperial
E ² F/E ² FM	150	KPEK1	KPEMK1	—
E ² J/E ² JM	250	KPEK2	KPEMK2	—
E ² K/E ² KM/E ² KW	400	KPEK3	KPEMK3	—
E ² LME/E ² LMZ	400	—	L3RTWK	—
E ² L/E ² LM/E ² LW	600	KPEK4	KPEMK4	—

External Accessories**Padlockable Handle Lock Hasp**

Breaker Type	Catalog Number
E ² F/E ² FM	PLK1
E ² J/E ² JM	PLK3
E ² K/E ² KM/E ² KW	PLK3
E ² LME/E ² LMZ	LPHL
E ² L/E ² LM/E ² LW	HLK4
E ² M/E ² MM/E ² MW	HLK4
E ² N/E ² NM	PLK5
E ² R/E ² RM	HLK6