

Replacement Capabilities (Continued)

Table 3-57. Type LA and MARK 75 Type HLA 250 – 600 Amperes, 600 Vac, 250 Vdc, 2-, 3-Poles, Interchangeable Trip Thermal Magnetic, Saf-T-Vue and MARK 75 Breakers

Shaded gray area denotes obsolete or discontinued products and services. ①

Continu- ous Ampere Rating at 40°C	Magnetic Trip Setting, Amperes ②		Complete Breaker			Shipped as Frame, Trip Unit and Terminals ③			
			Includes Pressure Type Aluminum Terminals ③			Frame Only			Trip Unit Only
			Standard	Saf-T-Vue	MARK 75	Standard	Saf-T-Vue	MARK 75	Standard Saf-T-Vue MARK 75
Low	High	Catalog Number							
<b>600 Ampere Frame Breakers ④ — 2-Poles, 600 Vac, 250 Vdc ⑤</b>									
250	1250	2500	2603D50G01	2603D50G13	1256C10G02	LA2600F	LA2600FS	HLA2600F	2603D46G07
300	1500	3000	2603D50G02	2603D50G14	1256C10G03	LA2600F	LA2600FS	HLA2600F	2603D46G08
350	1750	3500	2603D50G03	2603D50G15	1256C10G04	LA2600F	LA2600FS	HLA2600F	2603D46G09
400	2000	4000	2603D50G04	2603D50G16	1256C10G05	LA2600F	LA2600FS	HLA2600F	2603D46G10
500	2500	5000	LA2500	LA2500S	HLA2500	LA2600F	LA2600FS	HLA2600F	HLA2500T
600	3000	6000	LA2600	LA2600S	HLA2600	LA2600F	LA2600FS	HLA2600F	HLA2600T
<b>3-Poles, 600 Vac Only</b>									
250	1250	2500	2603D50G07	2603D50G019	1256C10G12	LA3600F	LA3600FS	HLA3600F	2603D46G26
300	1500	3000	2603D50G08	2603D50G020	1256C10G13	LA3600F	LA3600FS	HLA3600F	2603D46G27
350	1750	3500	2603D50G09	2603D50G021	1256C10G14	LA3600F	LA3600FS	HLA3600F	2603D46G28
400	2000	4000	2603D50G10	2603D50G022	1256C10G15	LA3600F	LA3600FS	HLA3600F	2603D46G29
500	2500	5000	LA3500	LA3500S	HLA500	LA3600F	LA3600FS	HLA3600F	HLA3500T
600	3000	6000	LA3600	LA3600S	HLA3600	LA3600F	LA3600FS	HLA3600F	HLA3600T

- ① These frames are obsolete. For replacement solutions see the cross-reference on Pages 3-97 – 3-118.
- ② Set on high side, adjustable to lower limits.
- ③ Terminals shipped separately from breakers.
- ④ Terminals, trip units and accessories are not interchangeable between 400 and 600 ampere frames.
- ⑤ 2-pole breakers or trips are supplied in 3-pole frames with current carrying parts omitted from center pole.

Table 3-58. Special Breakers ⑥ — Trip Units Only

Shaded gray area denotes obsolete or discontinued products and services. ②

Continuous Ampere Rating	Magnetic Trip Setting, Amperes		Catalog Number	
	Low	High	2-Poles ⑥	3-Poles
<b>600 Ampere Frame Breakers ⑦ — Magnetic Only Breakers, Front Adjustable</b>				
600	1125	2250	2603D47G07	2603D47G26
600	1500	3000	2603D47G08	2603D47G27
600	2000	4000	2603D47G10	2603D47G29
600	2500	5000	HLA25000TM	HLA35000TM
600	3000	6000	HLA26000TM	HLA36000TM
<b>600 Ampere Frame Breakers — Ambient Compensating Breakers</b>				
250	1250	2500	5683D88G07	5683D88G26
300	1500	3000	5683D88G08	5683D88G27
350	1750	3500	5683D88G09	5683D88G28
400	2000	4000	5683D88G10	5683D88G29
500	2500	5000	HLA2500TA	HLA3500TA
600	3000	6000	HLA2600TA	HLA3600TA

- ⑥ Not UL listed.
- ⑦ These frames are obsolete. For replacement solutions see the cross-reference on Pages 3-97 – 3-118.
- ⑧ 2-pole breakers or trips are supplied in 3-pole frames with current carrying parts omitted from center pole.
- ⑨ Terminals, trip units and accessories are not interchangeable between 400 and 600 ampere frames.

Accessories and Modifications

Shaded gray area denotes obsolete or discontinued products and services.

Special Calibrations

Special calibration price additions apply to ampere ratings not listed as standard or for ambients other than 40°C or 50°C. For frequencies other than 0 – 60 Hz ac, refer to Eaton. See Application Data 29-160 for information regarding special conditions. Maximum 400 Hz calibration: 600 ampere frame, 450 amperes.

Note: Not UL listed.

50°C Calibration

Add suffix "V" to catalog number for complete breaker or trip unit only, when ordering breakers to be used in 50°C ambients. Same price as standard 40°C breakers.

For CSA, see Page 3-36.

Type LA breakers meet requirements for Class 21a circuit breakers, and type HLA meet requirements for Class 23a as defined by Federal Specification W-C-375b.

Note: Not UL listed.

Note: MARK 75 frame color changed from gray to black in mid-2002.



LA: 600 Vac; 250 Vdc

Table 3-59. UL Listed Interrupting Ratings ⑩

Maximum Volts	Amperes
<b>Standard Breakers</b>	
240 ac	50,000 Asym., 42,000 Sym.
480 ac	35,000 Asym., 30,000 Sym.
600 ac	25,000 Asym., 22,000 Sym.
250 dc	20,000 ⑩
<b>MARK 75 Breakers</b>	
240 ac	75,000 Asym., 65,000 Sym.
480 ac	40,000 Asym., 35,000 Sym.
600 ac	30,000 Asym., 25,000 Sym.
250 dc	20,000 ⑩

- ⑩ Interrupting capacities shown do not apply to molded case switches.
- ⑪ Ratings above 10,000 amperes not UL listed.

For all 3-phase Delta, grounded B phase applications, contact Avery Creek, NC Technical Resource Center, 1-800-356-1243.

Terminals

Two terminals are required per pole. Terminals are Underwriters Laboratories listed for wire type and range listed below. When used with aluminum cable, use joint compound. To order optional copper only terminals, add suffix "C" to complete breaker catalog number.

Note: Terminals shipped separately from breakers.

Note: Terminals, trip units and accessories are not interchangeable between 400 and 600 ampere frames.

Table 3-60. Terminals

Maximum Amperes	Number of Cables, Wire Range, Type	Catalog Number
<b>Standard Al/Cu Pressure Terminals</b>		
600 ⑫	(2) 250 – 500 kcmil Al/Cu	TA600LA
<b>Optional Copper Pressure Terminals</b>		
600 ⑫	(2) 250 – 500 kcmil Cu	T600LA

⑫ For 600 ampere frame breakers only.

Magnetic Only Breakers

To order, select frame, trip unit and terminals from tables on this page.

Accessories and Modifications

Refer to Pages 3-52 – 3-63.