Circuit Breakers

Cole Hersee

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Box Style Circuit Breakers

Steel or plastic housing. Steel box type is approximately 1 ¼" x ¾" x 2/3" and comes with integral brackets (to be directly affixed with screws or bolts) or without (needs a mounting bracket). Breakers have 10-32 studs, blades or wire leads. Wire lead type has a 10" wire loop connected to studs and PVC-coated. Loop is intended to be cut, stripped and spliced into a circuit.
Datasheet, wiring diagram, and additional pack sizes visit: littelfuse.com/CircuitBreakers

30056, 30137, 30171 - with studs, no bracket

30055, 30138, 30172 - with studs and bracket

300128 - with studs and cross-bracket

3088, 30507 - double breaker assembly

Steel Case With Stud Terminals

PART NUMBERS			VOLT (V DC)	AMPS (A)	SEALED	NOTES
BULK	BOXED	RETAIL				
30056-8	-BX	–	12	8		Type I
30056-10	-BX	–		10		
30056-15	-BX	–		15		
30056-20	-BX	–		20		
30056-25	-BX	–		25		
30056-30	-BX	-BP		30		
30056-40	-BX	–		40		
30056-50	-BX	–		50		
30137-6*	–	–	12	6	•	Type I sealed
30137-10*	–	–		10	•	
30137-15	-BX	–		15	•	
30137-20	-BX	–		20	•	
30137-30	-BX	–		30	•	

PART NUMBERS			VOLT (V DC)	AMPS (A)	SEALED	NOTES
BULK	BOXED	RETAIL				
30055-8*	–	–	12	8		Type I with bracket
30055-10	-BX	–		10		
30055-15	-BX	-BP		15		
30055-20	-BX	-BP		20		
30055-25	-BX	–		25		
30055-30	-BX	-BP		30		
30055-40	-BX	-BP		40		
30055-50	-BX	-BP		50		
30138-10*	–	–	12	10	•	Type I sealed with bracket
30138-15*	–	–		15	•	
30138-25*	–	–		25	•	
30138-30	-BX	–		30	•	
30138-40*	–	–		40	•	
30128-10	-BX	–	12	10		Type I with cross-bracket
30128-15	-BX	–		15		
30128-20	-BX	–		20		
30128-30	-BX	–		30		
30128-40	-BX	–		40		

PART NUMBERS			VOLT (V DC)	AMPS (A)	SEALED	NOTES
BULK	BOXED	RETAIL				
30171-10	-BX	–	24	10		Type I
30171-15	-BX	–		15		
30171-20	-BX	–		20		
30171-30	-BX	–		30		
30172-10*	–	–	24	10		Type I with bracket
30172-15	-BX	–		15		
30172-20	-BX	–		20		
30172-30	-BX	–		30		
3088-50*	–	–	12	50		Type I double breaker assembly
3088-60	-BX	–		60		
3088-80	-BX	–		80		
30507-60	-BX	–	12	60	•	Type I sealed double breaker assembly
30507-80	-BX	–		80	•	

30062 with wire leads, with bracket

30063 with wire leads, without bracket

30407 - Studs and cross-bracket

30401 - steel case with blades

Steel Case With Wire Terminals, PVC-Coated

PART NUMBERS			VOLT (V DC)	AMPS (A)	SEALED	NOTES
BULK	BOXED	RETAIL				
30062-20	-BX	–	12	20	•	Type I with Bracket
30062-30	-BX	–		30	•	
30063-10*	–	–	12	10	•	Type I
30063-20	-BX	–		10	•	
30063-30*	–	–		30	•	

Plastic Case, Stud Terminals

PART NUMBERS			VOLT (V DC)	AMPS (A)	SEALED	NOTES
BULK	BOXED	RETAIL				
30407-15	-BX	–	12	15		Type III, Cross-Bracket
30407-20	-BX	–		20		
30407-25*	–	–		25		
30407-30	-BX	–		30		
30407-40	-BX	–		40		
30414-30*	–	–	12	30	•	Type I, Cross Bracket
30414-50	-BX	–		50	•	

Steel Case With Blade Terminals

PART NUMBERS			VOLT (V DC)	AMPS (A)	SEALED	NOTES
BULK	BOXED	RETAIL				
30401-15	-BX	–	12	15		Type I
30401-20*	–	–		20		

*Special Order Item

Circuit Breakers

Stud Type Low Voltage (6–12 Volts) • Circuit Breakers

SAE Type I automatic reset provides protection in installations where it is not possible to manually reset a breaker because of location or safety requirements. Used primarily as a wiring harness protector in 12V DC automotive systems. Conforms to SAE J553C standard. Available with or without mounting bracket.
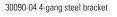
CURRENT RATING (A)	BOXED W/O BRACKET	BOXED W/ BRACKET	CARDED
	MATERIAL NUMBER	MATERIAL NUMBER	MATERIAL NUMBER
5	0812005.ZXST	0813005.ZXST	–
6	0812006.ZXST	0813006.ZXST	–
8	0812008.ZXST	0813008.ZXST	–
10	0812010.ZXST	0813010.ZXST	–
15	0812015.ZXST	0813015.ZXST	–
20	0812020.ZXST	0813020.ZXST	0813020.XP
25	0812025.ZXST	0813025.ZXST	–
30	0812030.ZXST	0813030.ZXST	0813030.XP
35	0812035.ZXST	0813035.ZXST	–
4	0812040.ZXST	0813040.ZXST	0813040.XP
50	0812050.ZXST	0813050.ZXST	0813050.XP

Circuit Breaker Accessories

Breaker mounting brackets & busbars. Mounting brackets available in steel or nylon and accept 30056 and 30137 series breakers.

Busbars are made from heavy solid brass or copper, with holes or slots that make it easy to connect box-type circuit breakers with studs, in order to feed a number of protected circuits.

30090-04 4-gang steel bracket
87128-4 Nylon bracket
86099-5 brass busbar with holes
86126-4 copper busbar with slots

PART NUMBERS		DESCRIPTION	NUMBER OF GANGS	MATERIAL	DIMENSIONS	MOUNTING HOLE DIMENSIONS	NOTES
BULK	BOXED						
30090-2	-BX	Mounting Bracket	2	Steel	.81" x 1.29" (122.2 x 32.8 mm)	4.00" (101.6mm) on centers	For all steel breakers without a bracket. Breakers snap into position, engaging with dimples in the case of the breaker.
30090-3	-BX		3		5.71" x 1.29" (145.0 x 32.8mm)	1.90" (124.5mm) on centers	
30090-4	-BX		4		6.62" x 1.29" (160.1 x 32.8mm)	5.81" (147.6mm) on centers	
30090-6	-BX		6		8.43" x 1.29" (214.1 x 32.8mm)	7.62" (193.5mm) on centers	
30090-8	-BX		8		10.25" x 1.29" (260.4 x 32.8mm)	9.43" (239.5mm) on centers	
87128-4	-BX	Mounting Bracket	4	Nylon	5.69" long (114.5mm)	4.89" (124.2mm) on centers	Secure stud-type breakers by tightening the nuts on the breaker studs. Slots: .910" (23.1mm) on centers, .210" (5.3mm) wide
87128-6	-BX		6		7.51" long (190.8mm)	6.71" (170.4mm) on centers	
87128-8	-BX		8		9.33" long (237.0mm)	8.53" (216.7mm) on centers	
87128-10	-BX		10		11.15" long (283.2mm)	10.35" (262.9mm) on centers	
87128-13	-BX		13		13.88" long (352.6mm)	13.08" (332.2mm) on centers	
86099-2	-BX	Busbar	2	Brass	1.53" long (38.9mm)	–	Holes: .910" (23.1mm) on centers, 0.21" (5.3mm) dia.
86099-3	-BX		3		2.43" long (61.7mm)	–	
86099-4	-BX		4		3.34" long (84.8mm)	–	
86099-5	-BX		5		4.24" long (197.7mm)	–	
86126-2	-BX	Busbar	2	Copper	1.41" x .560" (35.8 x 14.2mm)	.910" (23.11mm) on centers	Recommended for use with brackets 87128-X Slots: .910" on centers, .210" (5.3mm) wide
86126-4	-BX		4		3.23" x .560" (82.1 x 14.2mm)	2.73" (69.34mm) on centers	
86126-6	-BX		6		5.05" x .560" (128.3 x 14.2mm)	4.55" (115.57mm) on centers	
86126-8	-BX		8		6.87" x .560" (174.5 x 14.2mm)	6.37" (161.79mm) on centers	
86126-12	-BX		12		10.51" x .560" (267.0 x 14.2mm)	10.01" (254.25mm) on centers	