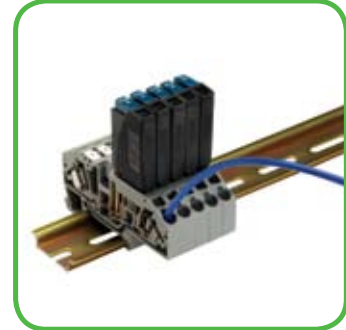
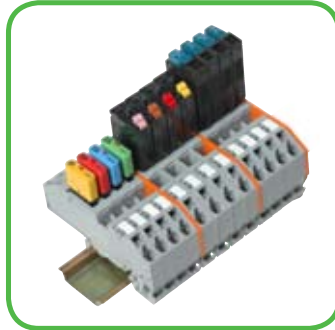
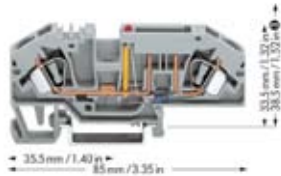


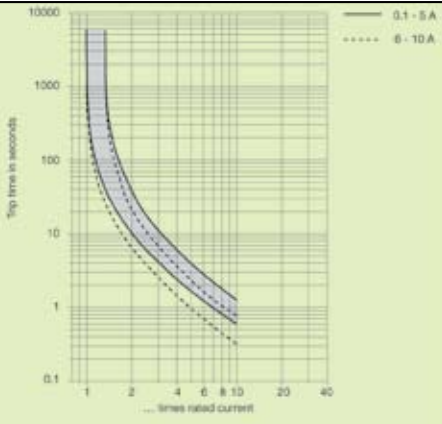
DIN Rail Mount Pluggable Thermal Circuit Breakers

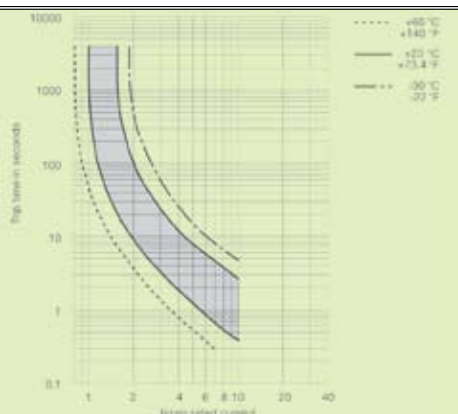
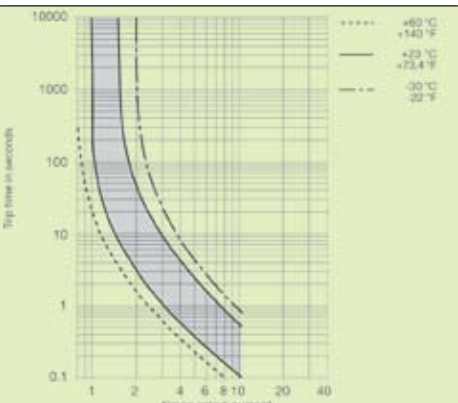
Conductor Range:	AWG 24 - 10 AWG (stranded and solid)	Terminal Block Width: 8 mm / 0.315 in Strip Length:  12 - 13 mm / 0.49 in	
Electrical Specs:	600 V maximum* 25/30 A maximum*	*Current / Voltage limited to circuit breaker specifications. Consult factory for other ratings.	



DIN rail mount pluggable miniature **thermal circuit breakers** are used for protection of power distribution systems, automation systems, and process control applications. These wide variety of circuit breakers have unique characteristics that tailor to the needs and performance of many different applications.

The WAGO circuit breaker terminal block uses CAGE CLAMP[®] connection technology that reduces wiring time and provides a connection that is corrosion-resistant, temperature cycling resistant and maintenance-free. An excellent alternative to traditional fusing methods.

	Technical Data		Interrupting capacity: AC 250 V: 2,000 A (UL 1077) Vibration: 5 g (57-500 Hz) ±0.38 mm (10-57Hz) Shock: 25 g (11 ms) Corrosion: 96 hours at 5% salt mist, to IEC 60068-2-11, test Ka Humidity: 240 hours at 95% RH to IEC 60068-2-3, test Ca
	Voltage ratings: AC 250 V; DC 65 V Current ratings: 0.1...10 A Typical life: 3,000 operations at 1 x I _N (low-resistive) 500 operations at 2 x I _N (inductive) Ambient temperature: -20...+60°C (T 60) -4...+140°F Insulation co-ordination: Rated impulse withstand voltage (IEC 60664 and 60664A) 2.5 kV reinforced insulation in operating area Insulation resistance: >100 MΩ (DC 500 V)	Pollution degree 2	
Description	Item No.	Pack.-unit pcs	Typical time/current characteristics at +23°C/+73.4° F
Thermal circuit breaker, plug-in type, push button reset			
0.10 A AC 250 V DC 65 V	51014625	1	
0.25 A AC 250 V DC 65 V	51011135	1	
0.5 A AC 250 V DC 65 V	51011136	1	
1.0 A AC 250 V DC 65 V	51011137	1	
2.0 A AC 250 V DC 65 V	51011138	1	
3.0 A AC 250 V DC 65 V	51011139	1	
4.0 A AC 250 V DC 65 V	51011140	1	
5.0 A AC 250 V DC 65 V	51017673	1	
6.0 A AC 250 V DC 65 V	51011141	1	
7.0 A AC 250 V DC 65 V	51014524	1	
8.0 A AC 250 V DC 65 V	51011142	1	
10.0 A AC 250 V DC 65 V	51011143	1	
Thermal circuit breaker, plug-in type, on-off switch, switching duty rated			
0.10 A AC 250 V DC 65 V			
0.25 A AC 250 V DC 65 V	51012494	1	
0.5 A AC 250 V DC 65 V	51012495	1	
1.0 A AC 250 V DC 65 V	51012496	1	
2.0 A AC 250 V DC 65 V	51012497	1	
3.0 A AC 250 V DC 65 V	51012498	1	
4.0 A AC 250 V DC 65 V	51012499	1	
5.0 A AC 250 V DC 65 V	51012500	1	
6.0 A AC 250 V DC 65 V	51012501	1	
7.0 A AC 250 V DC 65 V	51014523	1	
8.0 A AC 250 V DC 65 V	51012502	1	
10.0 A AC 250 V DC 65 V	51012503	1	

	Technical Data Voltage rating: DC 28 V Current ratings: 3...25 A (30 A upon request) Typical life: 6,000 operations at I_N 3,000 operations at $2 \times I_N \leq 20$ A 1,000 operations at $2 \times I_N \leq 25$ A Ambient temperature: -30...+60°C (-22...140°F) Interrupting capacity I_{CN} : 3...15 A 200 A 3...15 A 400 A 20...25 A 400 A		Vibration 3 or 4 A: 8 g (57-500 Hz) ± 0.65 mm (10-57 Hz) 5...25 A: 10 g (57-500 Hz) ± 0.76 mm (10-57 Hz), to IEC 60068-2-6, test Fc, 10 frequency cycles/axis Shock 3 or 4 A: 35 g (11 ms) 5...25 A: 50 g (11 ms) to IEC 60068-2-27, test Ea Corrosion: 96 hours at 5% salt mist, to IEC 60068-2-11, test Ka Humidity: 240 hours at 95% RH to IEC 60068-2-3, test Ca	
Description Miniaturized thermal automotive circuit breaker, color coded, manual release 15 A DC 28 V 51014338 1 20 A DC 28 V 51014339 1 25 A DC 28 V 51014340 1 Miniaturized thermal automotive circuit breaker, on-off switch 15 A DC 28 V 51014689 1	Item No.	Pack.-unit pcs	Typical time/current characteristics at +23°C/+73.4° F 	
	Technical Data Voltage rating: DC 32 V Current ratings: 6...30 A Service short-circuit breaking capacity: 300 operations at ≤ 50 A Ambient temperature: -30...+60°C (-22...140°F) Ultimate short-circuit breaking capacity: ≥ 3 break operations at 150 A, or ≥ 1 break operation at 2,000 A		Vibration: 5 g (57-500 Hz) ± 0.38 mm (10-57 Hz) (with mounting socket 12) to IEC 60068-2-6, Test Fc, 10 frequency cycles/axis Shock: 25 g (11 ms) (with mounting socket 12) to IEC 60068-2-27, Test Ea Corrosion: 96 hours at 5% salt. mist, to IEC 60068-2-11, test Ka Humidity: 240 hours at 95% RH to IEC 60068-2-3, test Ca	
Description Thermal automotive circuit breaker, color coded housing, standard fuseblock mounting 15 A DC 28 V 51016020 1 20 A DC 28 V 51014617 1 25 A DC 28 V 51014618 1 30 A DC 28 V 51014619 1	Item No.	Pack.-unit pcs	Typical time/current characteristic curve 	

Base Terminal Blocks	Item No.	Description	Pack.-unit pcs
	282-696	2-conductor circuit breaker terminal block, gray	25
	282-698/281-413	...with 24 V indicator, tripped circuit	25
	51012247	...with 110 V indicator, tripped circuit	25

Accessories	Item No.	Pack.-unit pcs		Item No.	Pack.-unit pcs		Item No.	Pack.-unit pcs
 End plate , 2 mm /0.079 in thick			 Adjacent jumper , insulated, I _N 41 A			 Alternate jumper , insulated, I _N 41 A		
	282-333 orange	100 (4 x 25)		282-402 gray	100 (4 x 25)		282-409 gray	100 (4 x 25)
	282-334 gray	100 (4 x 25)						
 Test plug adapter , for test plug 4 mm /0.157 in Ø			 End stop , for DIN 35 rail			 DIN Rail , 35 mm x 7.5 mm, slotted, 2 M long		
	209-170	50 (2 x 25)		249-116	100 (4 x 25)		210-112	10
				249-117	50 (2 x 25)			

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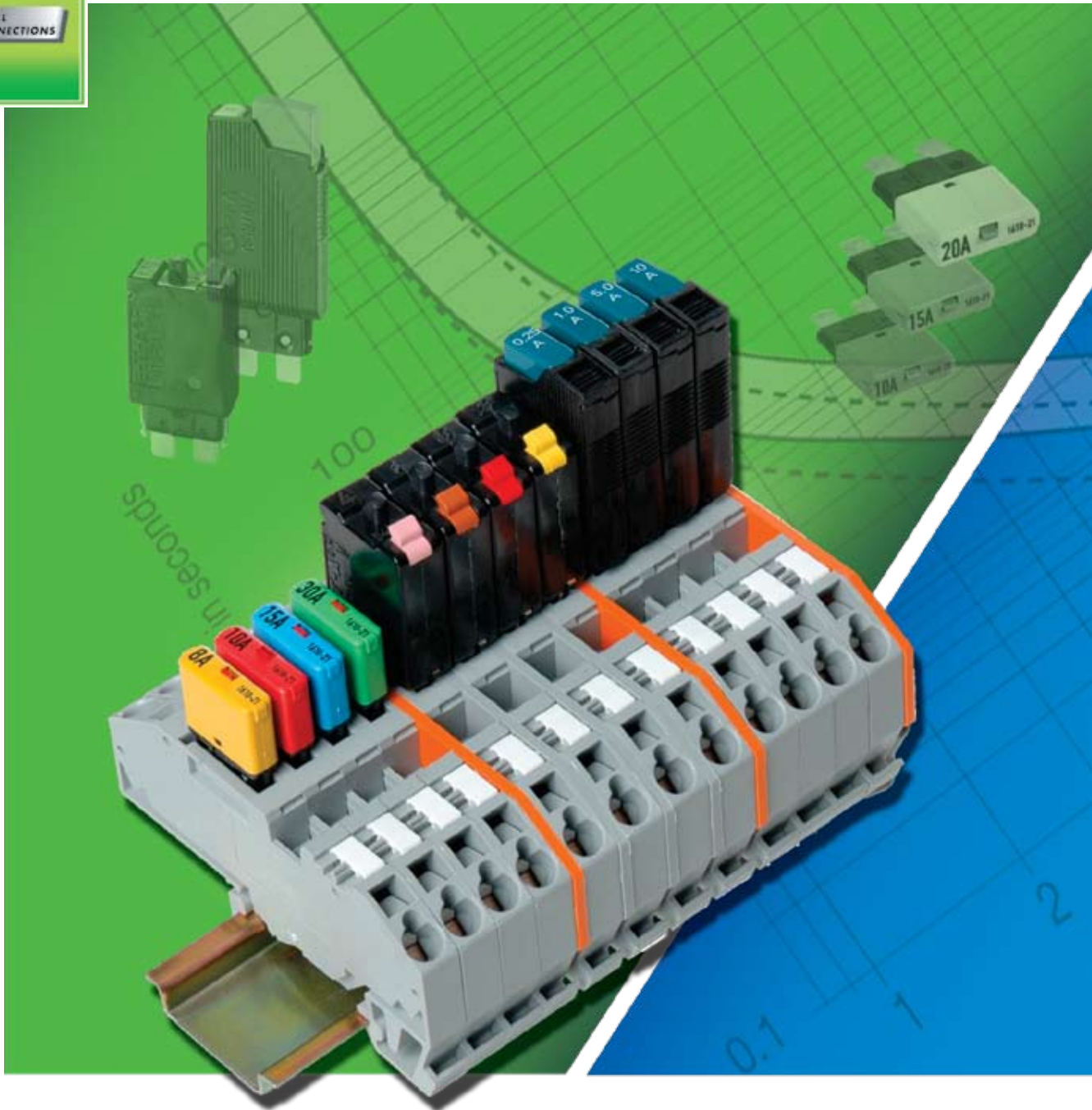
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• Circuit Breakers

- DIN Rail Mount Pluggable Circuit Breakers