


# Thermal Circuit Breaker W58



F0215-A

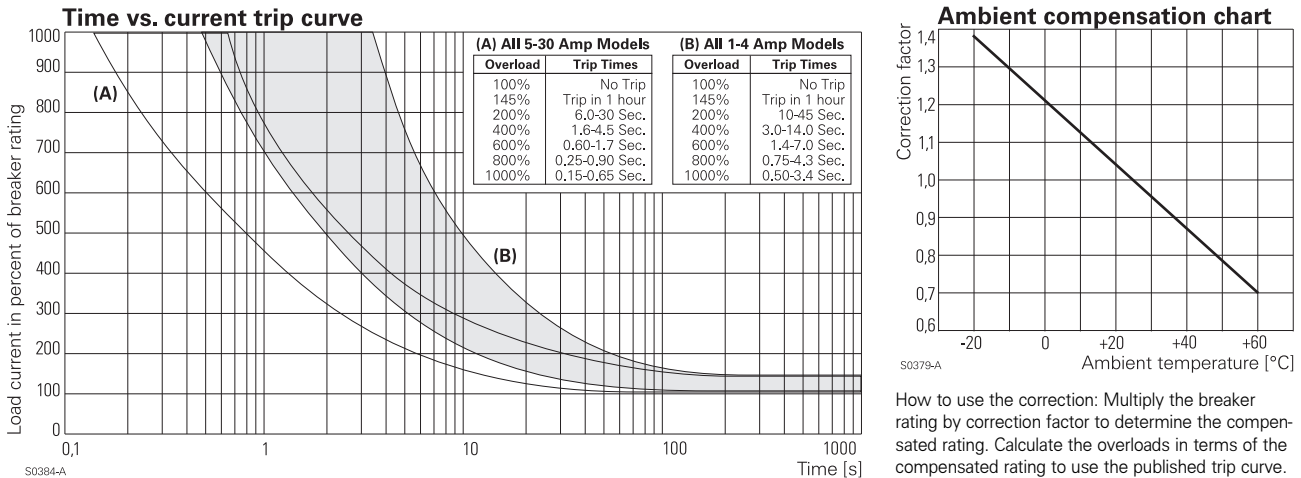
### Features

- 0.5...25 A ratings
- Cannot be manually tripped
- Push button to reset breaker

 Recognized as supplementary protectors  
 Technical data of approved types on request

Electrical data	
Calibration	will continuously carry 100% of rating may trip at 101...144%, but must trip at 145% of rating at +25°C
Maximum operating voltage	50 Vdc; 250 Vac 50/60Hz
Interrupt capacity	2000 A at 50 Vdc 1000 A at 250 Vac 50/60Hz
Resettable overload capacity	10x rated current
Dielectric strength	> 1500 Vrms

Typical resistance vs. current rating					
Current rating	Max. resistance	Current rating	Max. resistance	Current rating	Max. resistance
A	Ω	A	Ω	A	Ω
0.5	5.0	5.0	0.026	10.0	0.014
1.0	1.35	6.0	0.026	12.0	0.010
2.0	0.32	7.0	0.020	15.0	0.010
3.0	0.18	8.0	0.020	20.0	0.006
4.0	0.10	9.0	0.020	25.0	0.005
Data for ambient temperature +25°C					



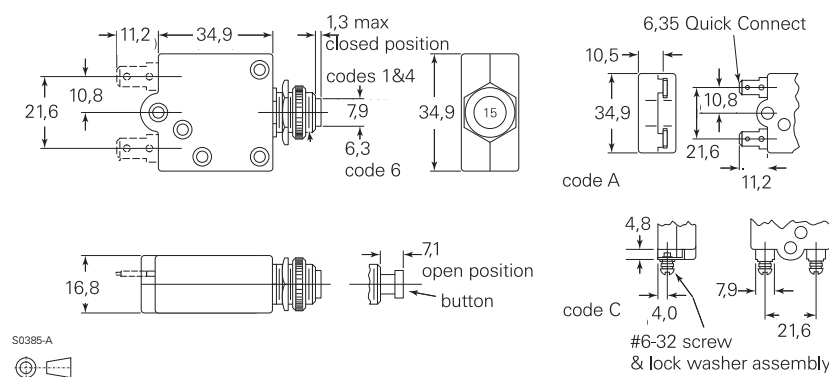
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## Other data

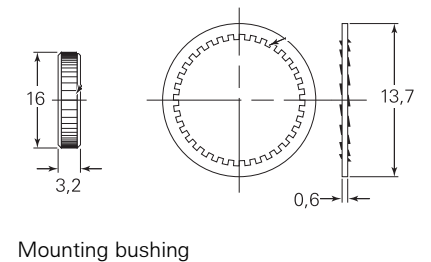
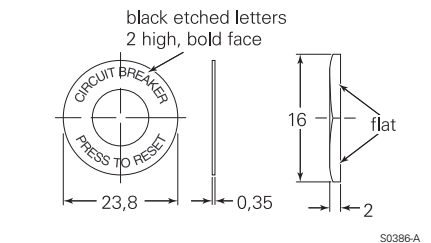
Ambient temperature	-20...+60°C
Endurance cycling	> 1000 operations at 200% of rating
Vibration resistance	10g at 10...55 Hz
Weight	42 g
Packaging unit	100 pcs.

## Dimensions

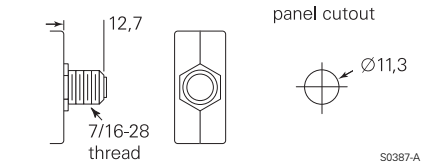
Dimensions in mm



## Mounting Hardware



## Mounting bushing



## Product key

<b>W</b>	<b>5</b>	<b>8</b>	-	<b>X</b>	<b>B</b>	<b>1</b>			<b>A</b>	-	
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Type

Circuit function

**X** series trip

Button

**B** white with red rating marking, red trip band

Mounting bushing

**1** 7/16"x0.5" (12,7mm) long

Terminals

**A** Quick Connect 6.35mm straight

**C** 6/32 screw 90° (screws installed)

Mounting hardware

**4** knurled nut/hex nut

**12** knurled nut/lock washer

Mounting hardware packaging

**A** assembled to bushing

Current rating in Amps

**0.5, 1, 2, 3, 4, 5, 6, 10, 15, 20, 25**

Preferred types in bold print. Other types on request

Product key	Function	Terminals	Version	Current rating	Part number
W58-XB1A4A-1	thermal	6.35mm	white/red	1 A	0-1393249-5
W58-XB1A4A-2	circuit breaker	Quick Connect	marking	2 A	1-1393249-1
W58-XB1A4A-3			hex nut	3 A	1-1393249-4
W58-XB1A4A-4				4 A	1-1393249-8
W58-XB1A4A-5				5 A	1-1393249-9
W58-XB1A4A-6				6 A	2-1393249-0
W58-XB1A4A-10				10 A	0-1393249-7
W58-XB1A4A-15				15 A	0-1393249-9
W58-XB1A4A-20				20 A	1-1393249-2
W58-XB1A4A-25				25 A	1-1393249-3