

- Single and eight channel supplemental circuit breaker modules
- 24Vdc and 120-230Vac versions
- Status LED
- cULus approved

The SIGNEXT® - CBM family of circuit breaker modules include single and eight channel versions. The eight channel units have a single input so the module provides power distribution as well. Modules are available for 24Vdc and 120-230Vac applications and the current ratings range from 0.5A to 5A.

The circuit breaker is a supplemental device with manual reset. They cannot be tripped manually. Each channel has a status LED – in the case of the single

channel versions the LED provides tripped breaker indication (on when the breaker is open) while the LEDs provide breaker set indication (on when the breaker is closed) on the eight channel units. The reason for this configuration of the single channel units is to make it interchangeable with fuse terminal blocks.

The interrupting current rating of the breaker is 200A at 24Vdc or 1000A at 120-230Vac. In AC applications the

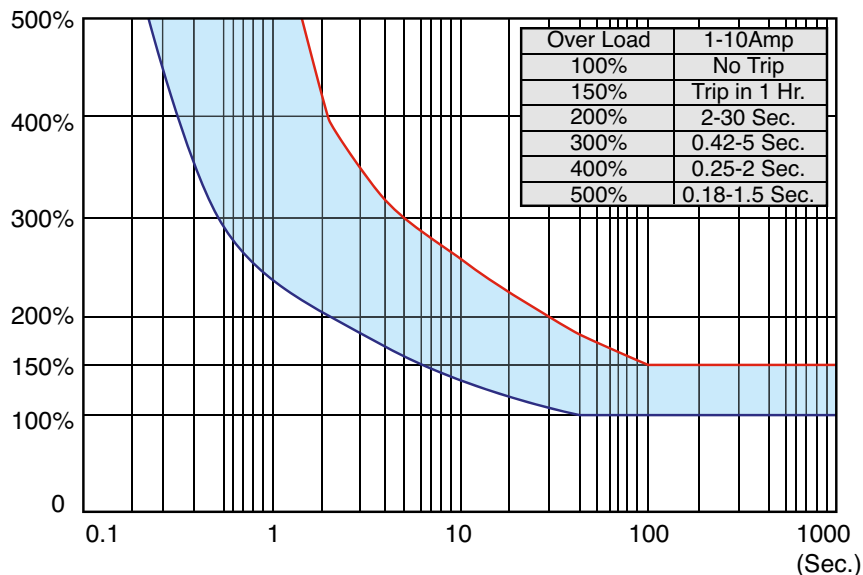
modules should be fed from a branch breaker or fuse or from a control transformer that cannot deliver more than 1000A of short circuit current.

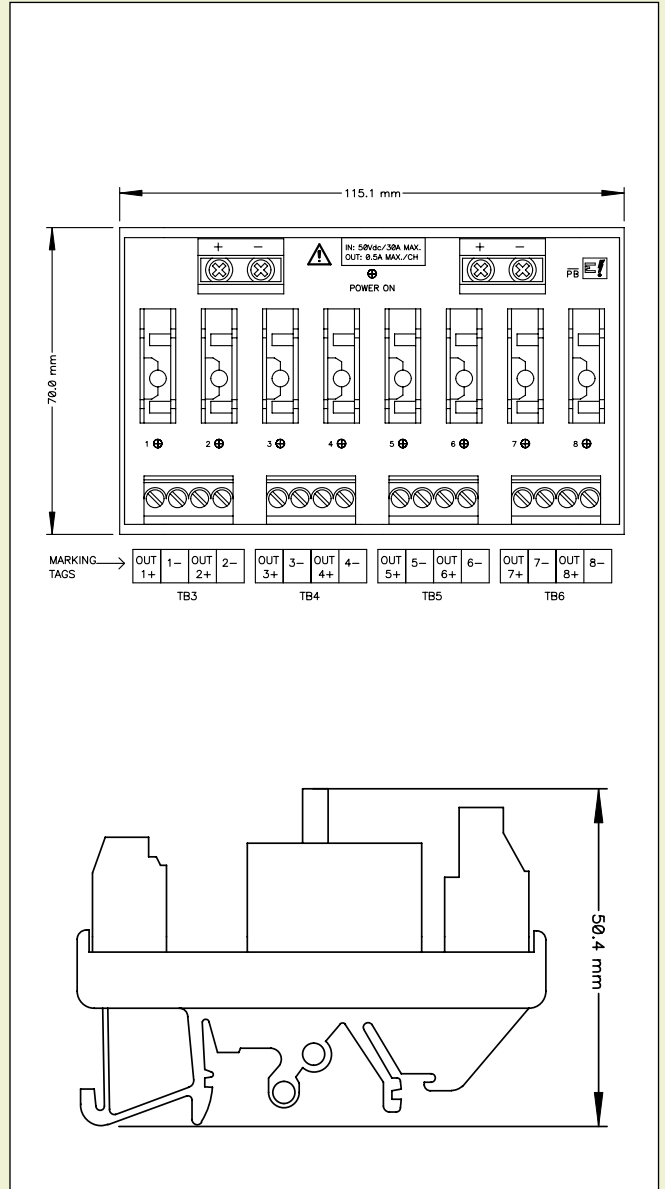
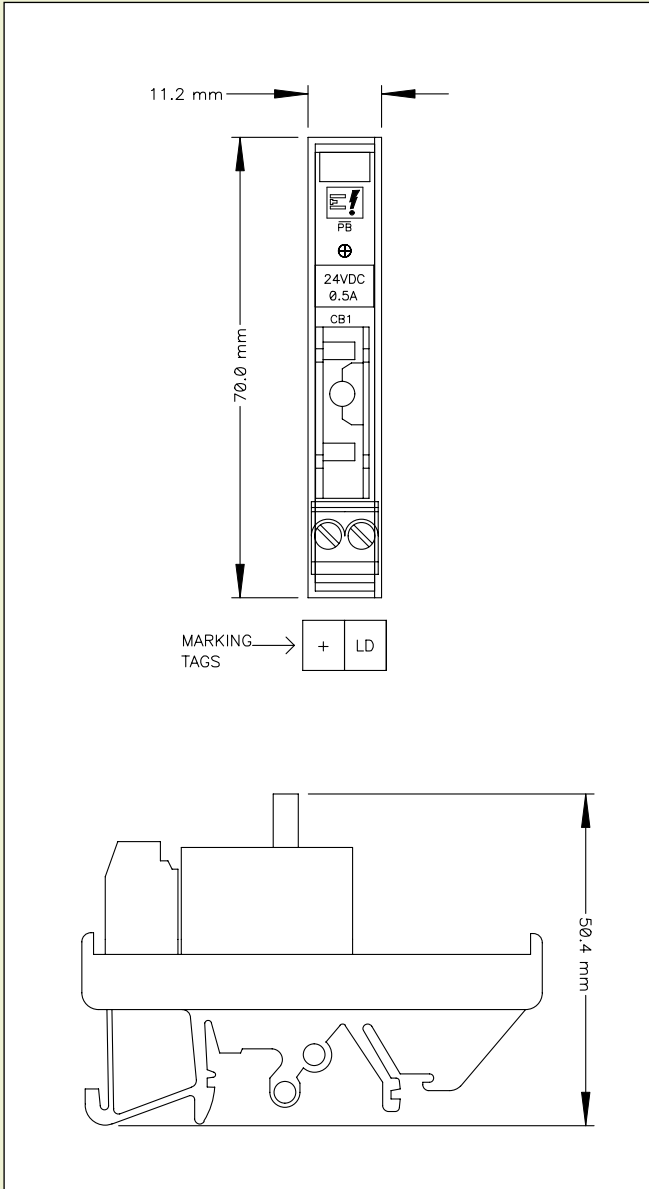
Ordering information

See page 2

SIGNEXT® - CBM		
Catalog Number:	1 ch, 0.5A 330119 1 ch. 1.0A 330120 1 ch, 3.0A 330131 1 ch. 5.0A 330132 8 ch. 0.5A 330045 8 ch. 1.0A 330046 8 ch. 3.0A 330069 8 ch. 5.0A 330070	1 ch, 0.5A 330121 1 ch. 1.0A 330122 1 ch, 3.0A 330133 1 ch. 5.0A 330134 8 ch. 0.5A 330047 8 ch. 1.0A 330048 8 ch. 3.0A 330072 8 ch. 5.0A 330073
Voltage:	24Vdc nominal	120-230Vac
Current Rating:	1 channel: 0.5, 1.0, 3.0, 5.0A 8 channel: 0.5, 1.0, 3.0, 5.0 x 8 outputs 8 x lout or 30A max. (whichever is less) input	
Interrupting Current:	200A	1000A
Breaker Type:	Thermal, manual reset Supplemental protector	
LED:	1 channel: red, breaker tripped indication (on=breaker open) 8 channel: green, breaker set indication (on=breaker closed)	
Terminations:	1 channel: 26-12AWG, 0.5-0.6Nm torque, 6mm stripping length 2 channel Input: 26-10AWG, 0.5-0.6Nm torque, 7mm stripping length Output: 26-12AWG, 0.5-0.6Nm torque, 6mm stripping length	
Temperature Rating:	-20°C to +40°C operating ambient -20°C to +50°C storage	
Approvals:	cULus (UL508, CSA 22.2 No.14)	

Trip Time Curve @ +25°C





Other Overcurrent Protection Devices Available.



**SIGNEXT® - CBM/8/35mm
Compact 8 Channel Circuit
Breakers**

- 8 supplemental breakers in a 35mm wide package
- Remote on/off
- cULus approved



**DEPRO® - FM5 5x20mm Fuse
Modules**

- Compact
- Status LED (fuse healthy indication)
- cCSAus certified, C1D2/Z2



**DEPRO® - FRM5 Relay Module
with Fused Output**

- 24Vdc coil relay with fused, 1 form C, 5A contact
- cCSAus certified, C1D2/Z2



**SIGNEXT® - C2CL Class 2
Electronic Current Limiter**

- Allows any 24Vdc power supply to power a Class 2 limited energy circuit
- UL recognized



BC5F Fuse Terminal

- 5x20mm fuse terminal
- CSA C1D2 certified



DEPRO® - FOVP

- Combines 5x20mm fuse with overvoltage protection circuit for 24Vdc applications
- cCSAus certified, C1D2/Z2