

## New E-T-A Series 3131 Combined Switch and Circuit Breaker



# Technical Information

## New Series 3131 combined switch and circuit breaker

The new E-T-A series 3131 is a unique combination of attractively designed switch with overload protection. Its contoured soft-touch rocker actuator provides a smooth and gentle switching action. A choice of different types and options ensures maximum flexibility, offering tailor-made solutions for even the most demanding requirements.

Integral overload protection avoids the need for fuse holders or additional circuit breakers thereby reducing panel space required and facilitating a creative approach to switch panel design, at the same time as providing improved convenience for the user.

IP66 rated integral water splash protection helps to make the series 3131 the ideal choice for marine applications, including those

where extreme environmental conditions are present, while various actuator styles, symbols and illumination options provide a huge range of choice.

Series 3131 not only replaces fuses and reduces components and wiring, but its snap-in design ensures an easy means of installation. A 3-position switch-only variant completes the range of options available.

### Technical data

#### Type 3131 combined 2-position switch / circuit breaker

Voltage rating	AC 240 V; DC 50 V
Current ratings	0.1...20 A
Interrupting capacity (UL 1077, ABYC E-11)	AC 240/3000 A DC 32 V/2500 A
Dielectric strength	AC 1500 V
Insulation resistance	100 MOhm
Protection class	operating area IP66
Vibration	5 g (57-500 Hz); +/-57-0.38 mm (10-57 Hz)
Shock	25 g (11 ms)
Corrosion	96 hours at 5 % salt mist
Humidity	240 hours at 95 % RH

#### Type 3131 3-position switch only

Current rating 20 A max.



E-T-A circuit breaker type 3131

### Features and Benefits

- attractive styling, snap-in installation
- soft-touch rocker operation
- choice of rocker symbols for marine applications
  
- integral water splash protection to IP66
- overcurrent and short circuit protection
- 3-position switch-only version available
- UL 1500 ignition protected



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