



Catalog No. FBV26TE045R2

Description: 45A MCCB 2P 600Y347

UPC No 783164335248

Products > Circuit Breakers > Molded Case Circuit Breakers > Record Plus™ Thermal Magnetic Trip

Record Plus® represents the very latest in molded case circuit breaker design. Utilizing design features such as double-break rotary contact structures and advanced ablative materials to enhance interruption, Record Plus® is capable of interrupting ratings up to 200kA (FB max is 150kA). High kAIC ratings, selective coordination, reduced arc flash energy, and current limitation embody the core design principles of Record Plus®. FB 100 circuit breakers are supplied with factory installed non-user interchangeable thermal-magnetic trip units and can be supplied with or without lugs. FB breakers are available in 1-, 2- and 3-pole versions.

Record Plus® product numbers ending in R or R0 do not include lugs. An R1 suffix indicates that the breaker is supplied with line and load lugs, R2 indicates load lugs, and R3 indicates line lugs. RV suffixed product numbers include load lugs and line connections specifically designed for General Electric type AD panels. All frames use common internal accessories (auxiliary switches, UV releases, shunt trips, and bell alarms) UL listed for field installation. UL listed maximum short circuit ratings at 480VAC are 150kA for the 100A frames and 200kA for the 600A frames. Unless noted otherwise, all circuit breakers and accessories are listed in UL file number E11592.

Descriptors

| | |
|-------------|------------------------------------|
| Category | Record Plus™ Thermal Magnetic Trip |
| GO Schedule | EH |

Specifications

| | |
|---------------------------------|-------------------------------|
| Product Line | Record Plus |
| Frame Type | FB 100 |
| Amperage | 45 A |
| Poles | 2 |
| System Voltage | 240 Vac, 480 Vac, 600/347 Vac |
| 240 Vac Interrupting Rating | 65 KAIC |
| 480 Vac Interrupting Rating | 35 KAIC |
| 600/347 Vac Interrupting Rating | 22 KAIC |
| Trip Function | LI |
| Trip Indication Target | No |
| Suitable for Reverse Feed | Yes |
| Lugs | FCALK13 |
| Long Time | Fixed |
| Short Time | No |
| Instantaneous | Fixed |
| Ground Fault | No |
| Zone Selective Interlock | No |
| Current Metering | No |
| Communications | No |
| Protective Relays | No |
| Special Markings | HACR |
| Wire Range (Cu/Al) | 10-4 AWG |
| GSA Compliance | No |

Classifications

UL File #

E11592

Publications

| Title | Publication No. | Publication Type |
|--|-----------------|----------------------------------|
| FB100 Fact Sheet, Record Plus FB100 Current Limiting Molded Case Circuit Breaker 2 pages, Specifications and Dimensions | DET-406 | Application and Technical |
| Record Plus Breaker: FB100 Instructions 4 pages, Revision 3 | DEH-41073 | Installation and Instruction |
| FB - Let Through Energy Curves Peak Current Curve | DES-031 | Time Current Curves |
| FB - Peak Let Through Current Peak I2t Curve | DES-030 | Time Current Curves |
| Record Plus MCCB, FB100, 2-Pole Drawing 1-Page, Fully dimensioned outline drawing in .pdf format | 10091636-SH1 | Drawings-Outline and Dimensional |
| Record Plus MCCB, FB100, 2-Pole Drawing 1-Page, Non-dimensioned, full-scale layout drawing in .dxf format | FB100 2Pole-DXF | Drawings-Outline and Dimensional |
| FB - 45A 45A | DES-019C | Time Current Curves |

Additional Documentation: Visit our [Publication Library](#) to find technical documentation, time current curves, CSI Specifications and promotional literature.