


Representative Image

## Catalog No. FBN16TE090RV

**Description: 90A MCCB 1P 347V**

**UPC No 783164394191**

**Home > Circuit Breakers > Molded Case Circuit Breakers > Record Plus™ Thermal Magnetic Trip**

Record Plus½ 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 Plus½ 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 Plus½. FB 100 circuit breakers are supplied with factory installed non-user interchangeable thermal-magnetic trip units and ca n be supplie d with o r wit hout l ugs. FB breakers are available in 1-, 2- and 3-pole versions. Record Plus½ 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. 90A MCCB 1P 347V

### Descriptors

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

### Specifications

| | |
|---|---|
| Poles | 1 |
| Amperage | 90 A |
| System Voltage | 240 Vac<br>277 Vac<br>347 Vac |
| Frame Type | FB 100 |
| 240 Vac Interrupting Rating | 65 KAIC |
| 277 Vac Interrupting Rating | 65 KAIC |
| 347 Vac Interrupting Rating | 25 KAIC |
| Trip Function | LI |
| Trip Indication Target | No |
| Suitable for Reverse Feed | Yes |
| Lugs | FCALK14 |
| 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) | 4-1/0 AWG |
| GSA Compliance | No |

by ABB

## Classifications

| | |
|---|---|
| UL File # | E11592 |

## Publications

| Title | Publication No. | Publication Type |
| --- | --- | --- |
| Record Plus Types FC&FB - 90A<br>90A | DES-024C | Time Current Curves |
| Record Plus Types FC&FB - Let Through Energy Curves<br>Peak Current Curve | DES-031 | Time Current Curves |
| Record Plus Types FC&FB - Peak Let Through Current<br>Peak I2t Curve | DES-030 | Time Current Curves |

**Additional Documentation:** Visit our Publication Library to find technical documentation, time current curves, CSI Specifications and promotional literature.