

Representative Image

Catalog No. FBN16TE045RV

Description: 45A MCCB 1P 347V

UPC No 783164394146

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. 45A MCCB 1P 347V

Descriptors

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

Specifications

Poles	1
Amperage	45 A
System Voltage	240 Vac 277 Vac 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	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

by ABB

Classifications

UL File #	E11592

Publications

Title	Publication No.	Publication Type
Record Plus Types FC&FB - 45A 45A	DES-019C	Time Current Curves
Record Plus Types FC&FB - Let Through Energy Curves Peak Current Curve	DES-031	Time Current Curves
Record Plus Types FC&FB - Peak Let Through Current 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.