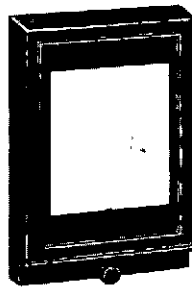


CRADLE



ADAPTER  
PLATE



COVER

## BE1-50/51B - 214 IAC TIME OVERCURRENT RELAY RETROFIT KIT

The BE1-50/51B - 214 retrofit kit consists of 3 parts shown above and provides for installing a Basler BE1-50/51B single-phase time overcurrent relay in an existing IAC case without making any wiring changes.

### ADVANTAGES

- Adapter plate allows fast and easy installation utilizing existing IAC cases.
- No electrical or mechanical rework required to panels during retrofit.
- Competitively priced.
- Numerous technical advantages listed on back page.
- One model replaces over 100 IAC models listed on back page.

### ADDITIONAL INFORMATION

#### BE1-50/51B PRODUCT BULLETIN

Request Publication UHD

#### INSTRUCTION MANUAL

Request Publication 9-2520-00-994

#### SERVICE MANUAL

Request Publication 9-2520-00-620

#### TIMING CURVES

Request Publication 9-2520-00-999

#### STANDARDS, DIMENSIONS, ACCESSORIES

Request Publication SDA

**FEATURES &  
APPLICATIONS**  
See Bulletin UHD

**FUNCTIONAL  
DESCRIPTION**  
See Bulletin UHD

**SPECIFICATIONS**  
See Bulletin UHD

**REPLACEABLE IAC  
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**COMPETITIVE  
ADVANTAGES**  
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**B Basler Electric**

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UHD-4S  
7-95

## REPLACEABLE IAC MODELS

These relays are self-powered and include memory to replicate the decaying reset of electromechanical relay disks.

Models that may be retrofitted with the BE1-50/51B - 214:

Curve	IAC Model Numbers
Inverse	12IAC51A***A 12IAC51B***A
Very Inverse	12IAC53A***A 12IAC53B***A
Extremely Inverse	12IAC77A***A 12IAC77B***A
Short Time	12IAC55A***A 12IAC55B***A
Medium Inverse	12IAC57A***A 12IAC57B***A
Long Time	12IAC66A**A 12IAC66B**A

NOTE: \* = any digit covering all pickup ranges, 60 Hz and 50 Hz models  
B = instantaneous models

## COMPETITIVE ADVANTAGES

Some of the advantages of the BE1-50/51B over IAC relays are:

- All units are equipped with an instantaneous element.
- Instantaneous element can be set lower because the relay is corrected for transient overreach. Therefore, the range need not be as high as on the IAC relay.
- 10 selectable curves and wide pickup ranges.
- Lower burden extends linear range of CTs.
- Self-calibration feature eliminates need to be recalibrated, reducing maintenance labor.



**Basler Electric**