



Fuse-link, high speed, 500 A, AC 1250 V, 100 kA, size 1, 53 x 69 x 80 mm, aR, IEC, UL, type K indicator

Part no. **FUSE 500A 1250V 1BKN/80 AR CU**  
Catalog No. **170M4445**

## Delivery program

|                              |   |    |                                     |
|------------------------------|---|----|-------------------------------------|
| Product range                |   |    | Fuse                                |
| Basic function               |   |    | Fuse-link                           |
| Field of application         |   |    | high speed                          |
| Rated current                | I | A  | 500                                 |
| Rated voltage                |   |    | AC 1250 V                           |
| Construction size            |   |    | size 1                              |
| Size                         |   |    | 53 x 69 x 80 mm                     |
| Utilization category         |   |    | aR                                  |
| Status indicator             |   |    | type K indicator                    |
| Breaking Capacity            |   | kA | 100                                 |
| usable for size/applications |   |    | semiconductor protection            |
| Standard/Approval            |   |    | IEC<br>UL                           |
| Shape                        |   |    | square body with flush end contacts |
| Standards/Regulations        |   |    | IEC 60269-4                         |

## Technical data ETIM 8.0

|                                                                                                                                                                                                  |  |    |                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|-------------------------------------------|
| Circuit breakers and fuses (EG000020) / HRC fuse (EC004556)                                                                                                                                      |  |    |                                           |
| Electric engineering, automation, process control engineering / Electrical installation, device / Safety fuse inserts / Safety fuse inserts (unspecified) (ecl@ss10.0.1-27-14-20-90 [BAB264011]) |  |    |                                           |
| Fuse construction type according to IEC 60269                                                                                                                                                    |  |    | 1                                         |
| Type of current                                                                                                                                                                                  |  |    | AC                                        |
| Rated voltage AC                                                                                                                                                                                 |  | V  | 1250                                      |
| Rated voltage DC                                                                                                                                                                                 |  | V  |                                           |
| Rated current                                                                                                                                                                                    |  | A  | 500                                       |
| Utilization category                                                                                                                                                                             |  |    | aR (accompanied semiconductor protection) |
| Breaking capacity                                                                                                                                                                                |  | kA | 100                                       |
| Colour code                                                                                                                                                                                      |  |    | None                                      |
| Type of fuse status indicator                                                                                                                                                                    |  |    | Other                                     |
| Power loss at rated current                                                                                                                                                                      |  | W  | 85                                        |
| Mounting holes                                                                                                                                                                                   |  |    | M8                                        |
| Centre-to-centre distance of connections                                                                                                                                                         |  | mm | 81.1                                      |