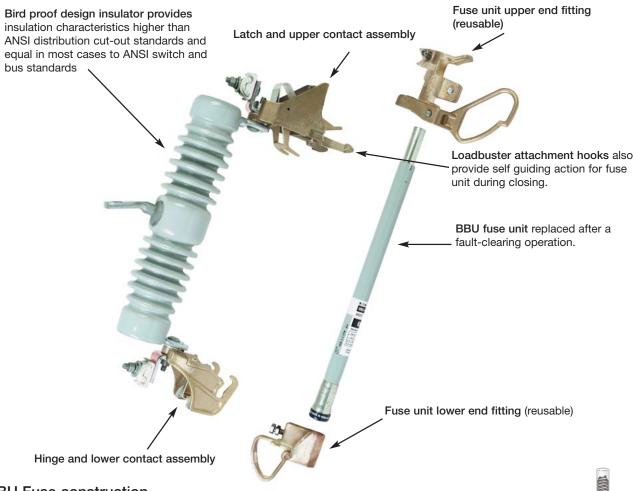
BBU Fuse Link Mount Construction



BBU Fuse construction

Principle parts of the replaceable BBU fuse unit are shown in the cross section view. Main operating parts are the silver element, arcing rod, boric acid cylinder and spring. A glass epoxy tube encloses the assembly.

The use of a pure silver element and Nichrome wire stain element makes the BBU less susceptible to outages caused by vibration, corona corrosion, and aging of the fuse elements. It is not damaged by transient faults or overloads which approach the minimum melt point.

The components are housed in a fiberglass reinforced resin tube with plated copper contacts. Positive connection is maintained between the arcing rod and contact with a sliding tulip contact.

BBU End Fittings



Fuse unit lower end fitting Part number (including Muffler): BBU-EFID



Fuse unit upper end fitting Part number (including Muffler): BBU-EFID



Muffler: Part number-BBU-MFLR



Operation

BBU expulsion fuse links utilise the proven performance of boric acid to create the de-ionizing action needed to interrupt the current. Fault interruption is achieved by the action of an arcing rod and a charged spring, elongating the arc through a boric acid chamber upon release by the fuse element.

At high temperatures, boric acid decomposes, producing a blast of water vapor and inert boric anhydride. Electrical interruption is caused by the steam extinguishing the arc, as the arc is being elongated through the cylinder.

Higher particle turbulence of the boric acid causes the rate of de-ionization in the cylinder to exceed the ionization of the electrical arc. Both high and low current faults are interrupted in the same manner with no foreign material other than the boric acid required. This enables the fuse to interrupt short-circuit within one half cycle and prevents the arc from restriking after a current zero.

After interruption, the gases are expelled from the bottom of the fuse.

The arching rod is prevented from falling back into its original position by a friction stop at the top of the fuse unit.

When the fuse operates, the upward motion of the spring forces the top of the arcing rod to penetrate the upperseal, striking the latch mechanism.

On indoor applications, this action caused the blown fuse indicator to actuate.

When replacing the blown fuse link, the end fittings should be removed from the operated fuse unit, and if undamaged, clamped onto the new fuse unit.



Elements melts Rod withdraws elongating arc and vaporizing

Boric Acid



Vapor quenches arc at first current zero

Application

The BBU Boric acid fuse provides effective protection for circuits and equipment which operate on voltage system up to 34.5kV. They can be used on industrial distribution systems and all fuses are designed for use on the following:

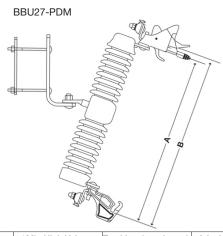
- Power transformers
- Feeder circuits
- Distribution transformers
- Metal-enclosed switchgear
- Pad mount switches

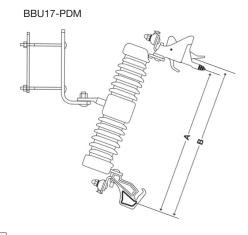
BBU fuse units can be used in indoor applications, and can be used to directly replace competitive equivalent units.



Boric Acid Fuses

Outdoor BBU Mount

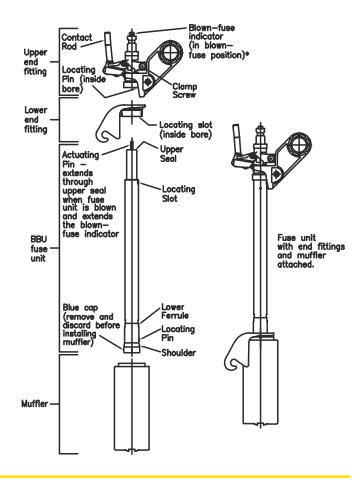




Part Number	1Min High Voltage Withstand Test kV	Total Insulator Length Inches (mm)	A Inches (mm)	B Inches (mm)	Approximate Weight (kg)
BBU27-PDM	42	18.3 (465)	20.4 (516.9)	21 (534)	20
BBU17-PDM	35	14.8 (375)	16.8 (426.9)	17.5 (444)	17.5

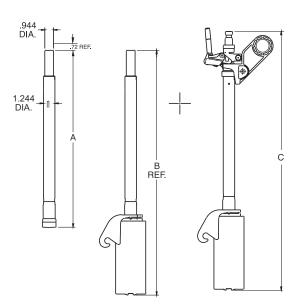
Outdoor BBU Fuse Fitting

Outdoor end fittings are made of a cast-copper plated alloy. A large hook eye on the upper fitting allows for easy installation into pole-top mountings with a hook stick. The pivotal design of this hook eye provides for proper engagement of the upper live part. The positive locking action of the latch mechanism prevents detachment from the mounting due to shock or vibration. In the event of a fault, the arcing rod will penetrate through the upper end of the fuse unit, and cause the latch to release. Once released, the fuse will rotate down into the drop-out position to indicate a blow fuse condition. The lower end fitting has two cylindrical posts that insert into the lower live part of the mounting. These posts allow the fuse to rotate into the proper engaged position, and suspend the fuse during a blown, drop-out condition.





Fuse Dimensions



kV max	Fuse Unit Fitting inches (mm)				
KV IIIAX	A B		С		
17	19.08 (484)	27.19 (690)	28.82 (732)		
27	22.58 (573)	30.69 (779)	32.32 (821)		
38	28.76 (730)	36.87 (936)	38.50 (978)		

Application Notes

Low currents, usually referred to as overload currents, must be considered as BBU fuses have a rather low thermal capacity. They cannot carry overloads of the same magnitude/duration as motors and transformers of equal continuous currents. For this reason, the BBU fuse must be sized with the load current in mind so the fuse does not open on otherwise acceptable overloads and inrush conditions. Coordination should be considered to help determine what type of fuse is applied. The BBU fuse interrupts at a natural current zero in the current wave and allows minimum of a half-cycle of fault current to flow before the fault is cleared. The time-current characteristics associated with a BBU fuse has a rather gradual slope making it easier to coordinate with downstream equipment. In addition, the BBU is ideal for higher voltage (up to 38kV) and high current applications (up to 200A). It is important to examine the minimum melting and total clearing time-current characteristics of this fuse.

Standards

Cooper Bussmann does not compromise when performance, quality and safety are involved. Exacting standards have been established relative to the design, testing and application of expulsion type power fuses. Compliance with these standards ensures the best selection and performance. The BBU Power Fuses are designed and tested for compliance to global standards such as ANSI and Australian Standard AS1033.1 1990.ANSI (American National Standards Institute) is a non-profit privately funded membership organization that coordinates the development of the US voluntary national standards.

Testing

Cooper Bussmann BBU Power fuse links and fuse mounts were tested in compliance to the standards listed below. This testing was carried out in independent test laboratories in Canada and in Australia by recognised independent power testings laboratories. Thermal and interrupting testing was conducted at 17, 27kV. The entire series of tests was conducted in a specific sequence as stipulated by governing standards without any maintenance being performed. All tests results are verified by laboratory tabulations and oscillogram plots.

ANSI C37.40 - Service conditions and definitions

ANSI C37.41 - Power fuse design and testing

ANSI C37.42 - Distribution fuse ratings and specification

ANSI C37.46 - Power fuse ratings and specifications

ANSI C37.48 - Power fuse application, operation and maintenance

AS1033.1 1990 - Australian standard high voltage fuses expulsion type



Specifications

Description: Expulsion fuse link style fuse, complete with a single pole porcelain fuse mount offering medium voltage protection for indoor and outdoor applications.

Ratings:

Rated Voltage: 17 - 38kV (for the fuse link)

17 and 27kV (for the fuse mount)

Amps: 3 - 200A (for the fuse link)

Rated

IR: 10, 12 or 14kA

Time-Current Curves: see curves on CD at the back of the catalogue.

Breaking

Part Numbers

Part Number	Rated Current (A)	Voltage kV	Breaking Capacity kA	Fuse Type
BBU17-3K	3			
BBU17-6K	6			
BBU17-8K	8			
BBU17-10K	10			
BBU17-12K	12			
BBU17-15K	15			
BBU17-20K	20			
BBU17-25K	25	17	14	K
BBU17-30K	30	17	14	, r
BBU17-40K	40			
BBU17-50K	50			
BBU17-65K	65			
BBU17-80K	80			
BBU17-100K	100			
BBU17-140K	140			
BBU17-200K	200			
BBU17-5E	5			
BBU17-7E	7			
BBU17-10E	10			
BBU17-13E	13			
BBU17-15E	15			
BBU17-20E	20			
BBU17-25E	25			
BBU17-30E	30			
BBU17-40E	40	17	14	E
BBU17-50E	50			
BBU17-65E	65			
BBU17-80E	80			
BBU17-100E	100			
BBU17-125E	125	1		
BBU17-150E	150	1		
BBU17-175E	175	1		
BBU17-200E	200			

paragraph page 106.

Agency Information: refer to the 'Standards'

Typical Applications:

- Power transformers
- Feeder circuits
- Distribution transformers
- Metal enclosed switchgear
- Pad mount switches

Part Number	Rated Current (A)	Voltage kV	Breaking Capacity kA	Fuse Type
BBU17-15SE	15			
BBU17-20SE	20			
BBU17-25SE	25			
BBU17-30SE	30			
BBU17-40SE	40			
BBU17-50SE	50			
BBU17-65SE	65	17	14	SE
BBU17-80SE	80			
BBU17-100SE	100			
BBU17-125SE	125			
BBU17-150SE	150			
BBU17-175SE	175			
BBU17-200SE	200			

The BBU fuse is offered in three constructions to meet specific melt curves for an application. The construction is designated in the part number suffix: E (Standard), K (Fast) and SE (Slow). Contact Cooper Bussmann for application details: buletechnical@cooperindustries.com



Part Numbers

Part Number (A) kV kA Fuse Type BBU27-3K 3 BBU27-6K 6 BBU27-8K 8 BBU27-10K 10 BBU27-10K 10 BBU27-12K 12 BBU27-15K 15 BBU27-20K 20 BBU27-20K 20 BBU27-30K 30 BBU27-30K 30 BBU27-40K 40 BBU27-65K 65 BBU27-80K 80 BBU27-100K 100 BBU27-100K 100 BBU27-100K 100 BBU27-100K 100 BBU27-100K 100 BBU27-100 10 BBU27-100 10 BBU27-100 10 BBU27-100 10 BBU27-100 10 BBU27-200 BBU27-125 BBU27-125 <th></th> <th>Rated Current</th> <th>Voltage</th> <th>Breaking Capacity</th> <th></th>		Rated Current	Voltage	Breaking Capacity	
BBU27-6K 6					Fuse Type
BBU27-8K 8	BBU27-3K	3			
BBU27-10K 10 BBU27-12K 12 BBU27-15K 15 BBU27-20K 20 BBU27-25K 25 BBU27-30K 30 BBU27-50K 50 BBU27-65K 65 BBU27-80K 80 BBU27-100K 100 BBU27-10K 140 BBU27-10E 10 BBU27-10E 10 BBU27-20E 20 BBU27-30E 30 BBU27-65E 65 BBU27-80E 80 BBU27-100E 100 BBU27-10E 100 BBU27-10E 10 BBU27-10E 10 BBU27-10E 10 BBU27-25E 25 BBU27-20E 20 BBU27-25E 25 BBU27-25E 25 BBU27-30E 30 BBU27-15E 155 BBU27-25E 25 BBU27-30E 30 BBU27-15E 155 BBU27-25E 25 BBU27-30E 30 BBU27-25E 25 BBU27-30E 30 BBU27-15E 155 BBU27-25E 25 BBU27-30E 30 BBU27-15E 155 BBU27-15E 155 BBU27-15E 155 BBU27-15E 155 BBU27-15E 155 BBU27-15E 155 BBU27-20SE 20 BBU27-15SE 15 BBU27-20SE 20 BBU27-15SE 15 BBU27-20SE 20 BBU27-15SE 15 BBU27-20SE 20 BBU27-15SE 15 BBU27-25SE 25 BBU27-30SE 30 BBU27-15SE 50 BBU27-15SE 150	BBU27-6K	6			
BBU27-12K 12 BBU27-15K 15 BBU27-20K 20 BBU27-25K 25 BBU27-30K 30 BBU27-40K 40 BBU27-50K 50 BBU27-65K 65 BBU27-100K 100 BBU27-100K 100 BBU27-100K 100 BBU27-10E 10 BBU27-15E 15 BBU27-30E 20 BBU27-20E 20 BBU27-65E 65 BBU27-65E 65 BBU27-100E 100 BBU27-100E 100 BBU27-10E 100 BBU27-15E 15 BBU27-20E 20 BBU27-25E 25 BBU27-80E 80 BBU27-15E 156 BBU27-15E 156 BBU27-15E 156 BBU27-15E 156 BBU27-15E 156 BBU27-25E 25 BBU27-80E 80 BBU27-15E 156 BBU27-15E 156 BBU27-15E 156 BBU27-15E 156 BBU27-15E 156 BBU27-15E 156 BBU27-150E 150 BBU27-15SE 15 BBU27-20SE 20 BBU27-20SE 20 BBU27-20SE 20 BBU27-20SE 20 BBU27-25SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-50SE 50 BBU27-65SE 65 BBU27-65SE 65 BBU27-10SE 100 BBU27-15SE 15 BBU27-10SE 100 BBU27-15SE 15 BBU27-10SE 100 BBU27-15SE 150	BBU27-8K	8			
BBU27-15K 15 BBU27-20K 20 BBU27-25K 25 BBU27-30K 30 BBU27-40K 40 BBU27-50K 50 BBU27-65K 65 BBU27-100K 100 BBU27-100K 100 BBU27-10E 10 BBU27-10E 10 BBU27-30E 20 BBU27-65E 25 BBU27-65E 65 BBU27-65E 65 BBU27-65E 65 BBU27-100E 100 BBU27-10E 100 BBU27-10E 10 BBU27-10E 10 BBU27-10E 10 BBU27-15E 15 BBU27-20E 20 BBU27-20E 20 BBU27-25E 25 BBU27-80E 80 BBU27-10E 100 BBU27-15E 156 BBU27-10E 100 BBU27-15E 156 BBU27-20E 20 BBU27-25E 25 BBU27-30E 30 BBU27-15E 156 BBU27-20E 20 BBU27-25E 25 BBU27-30E 80 BBU27-10E 100 BBU27-15E 156 BBU27-20SE 20 BBU27-10SE 15 BBU27-10SE 50 BBU27-10SE 100 BBU27-10SE 100 BBU27-10SE 125 BBU27-10SE 150 BBU27-10SE 150 BBU27-10SE 150 BBU27-10SE 150 BBU27-10SE 150 BBU27-10SE 150 BBU27-10SE 175	BBU27-10K	10			
BBU27-20K 20 BBU27-25K 25 BBU27-30K 30 BBU27-40K 40 BBU27-50K 50 BBU27-65K 65 BBU27-80K 80 BBU27-100K 100 BBU27-140K 140 BBU27-200K 200 BBU27-125E 5 BBU27-10E 10 BBU27-13E 13 BBU27-13E 13 BBU27-10E 10 BBU27-20E 20 BBU27-25E 25 BBU27-80E 80 BBU27-100E 100 BBU27-150E 150 BBU27-150E 150 BBU27-150E 150 BBU27-150E 20 BBU27-25SE 25 BBU27-20E 20 BBU27-150E 150 BBU27-150E 150 BBU27-150E 50 BBU27-150E 150 BBU27-150E 150 BBU27-150E 20 BBU27-150E 150 BBU27-150E 150 BBU27-150E 20 BBU27-150E 150 BBU27-150E 20 BBU27-150E 150 BBU27-150E 20 BBU27-150E 150 BBU27-150E 20 BBU27-150E 20 BBU27-150E 20 BBU27-150E 150 BBU27-150E 20 BBU27-150E 150 BBU27-150E 150 BBU27-150E 150 BBU27-150SE 50 BBU27-150SE 50 BBU27-150SE 100 BBU27-150SE 150 BBU27-150SE 150 BBU27-150SE 150 BBU27-150SE 175	BBU27-12K	12			
BBU27-25K 25 BBU27-30K 30 BBU27-40K 40 BBU27-50K 50 BBU27-65K 65 BBU27-80K 80 BBU27-100K 100 BBU27-100K 100 BBU27-10E 10 BBU27-13E 13 BBU27-15E 15 BBU27-20E 20 BBU27-65E 65 BBU27-80E 80 BBU27-10E 100 BBU27-10E 100 BBU27-15E 15 BBU27-15E 15 BBU27-15E 15 BBU27-15E 15 BBU27-20E 20 BBU27-15E 15 BBU27-15E 15 BBU27-15E 15 BBU27-15E 25 BBU27-15E 15 BBU27-20E 20 BBU27-15E 15 BBU27-25E 25 BBU27-80E 80 BBU27-15E 150 BBU27-15E 150 BBU27-15E 150 BBU27-15E 15 BBU27-200E 200 BBU27-15SE 15 BBU27-20SE 25 BBU27-20SE 26 BBU27-25SE 25 BBU27-30SE 30 BBU27-15SE 15 BBU27-25SE 25 BBU27-30SE 30 BBU27-15SE 15 BBU27-15SE 15 BBU27-15SE 15 BBU27-15SE 15 BBU27-15SE 15 BBU27-15SE 15 BBU27-15SE 150	BBU27-15K	15			
BBU27-30K 30 BBU27-40K 40 BBU27-50K 50 BBU27-65K 65 BBU27-100K 100 BBU27-10E 10 BBU27-10E 15 BBU27-30E 30 BBU27-10E 10 BBU27-65E 65 BBU27-65E 65 BBU27-65E 65 BBU27-65E 65 BBU27-10E 10 BBU27-10E 10 BBU27-10E 10 BBU27-30E 30 BBU27-65E 65 BBU27-65E 65 BBU27-10E 100 BBU27-10E 100 BBU27-10E 100 BBU27-10E 150 BBU27-10E 150 BBU27-15E 15 BBU27-10E 150 BBU27-15E 150 BBU27-15E 150 BBU27-20SE 20 BBU27-20SE 20 BBU27-20SE 20 BBU27-20SE 20 BBU27-30SE 30 BBU27-40SE 40 BBU27-65SE 65 BBU27-80SE 80 BBU27-10SE 100 BBU27-10SE 100 BBU27-10SE 100 BBU27-10SE 100 BBU27-10SE 100 BBU27-10SE 125 BBU27-10SE 125 BBU27-10SE 100 BBU27-10SE 125 BBU27-10SE 150 BBU27-15SE 125 BBU27-15SE 125 BBU27-15SE 125 BBU27-15SE 125 BBU27-10SE 100 BBU27-15SE 125 BBU27-15	BBU27-20K	20			
BBU27-30K 30 BBU27-40K 40 BBU27-50K 50 BBU27-65K 65 BBU27-80K 80 BBU27-100K 100 BBU27-140K 140 BBU27-1200K 200 BBU27-5E 5 BBU27-7E 7 BBU27-15E 15 BBU27-15E 15 BBU27-20E 20 BBU27-20E 20 BBU27-65E 65 BBU27-80E 80 BBU27-10E 100 BBU27-15E 155 BBU27-10E 100 BBU27-15E 15 BBU27-10E 100 BBU27-15E 15 BBU27-10E 100 BBU27-15E 15 BBU27-10E 100 BBU27-15E 15 BBU27-80E 80 BBU27-15E 155 BBU27-15E 156 BBU27-15SE 15 BBU27-15SE 15 BBU27-20SE 20 BBU27-20SE 20 BBU27-20SE 20 BBU27-20SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-65SE 65 BBU27-80SE 80 BBU27-150SE 100 BBU27-100SE 100 BBU27-15SE 125 BBU27-15SE 125 BBU27-15SE 125 BBU27-15SE 125 BBU27-15SE 150		25	27	12.5	K
BBU27-50K 50 BBU27-65K 65 BBU27-80K 80 BBU27-100K 100 BBU27-140K 140 BBU27-200K 200 BBU27-5E 5 BBU27-7E 7 BBU27-10E 10 BBU27-15E 15 BBU27-20E 20 BBU27-30E 30 BBU27-65E 65 BBU27-80E 80 BBU27-15E 125 BBU27-10E 100 BBU27-15E 15 BBU27-80E 80 BBU27-15E 15 BBU27-10E 100 BBU27-15E 15 BBU27-80E 80 BBU27-15E 15 BBU27-10E 100 BBU27-15E 15 BBU27-10E 100 BBU27-15E 15 BBU27-10E 100 BBU27-15E 15 BBU27-10E 150 BBU27-15E 15 BBU27-15E 15 BBU27-20E 20 BBU27-15E 15 BBU27-20E 20 BBU27-15E 15 BBU27-20E 20 BBU27-15SE 15 BBU27-20SE 20 BBU27-20SE 20 BBU27-30SE 30 BBU27-40SE 40 BBU27-65SE 65 BBU27-80SE 80 BBU27-100SE 100 BBU27-125SE 125 BBU27-100SE 100 BBU27-125SE 125 BBU27-100SE 100 BBU27-125SE 125 BBU27-100SE 150 BBU27-15SE 150	BBU27-30K	30			
BBU27-65K 65 BBU27-80K 80 BBU27-100K 100 BBU27-140K 140 BBU27-5E 5 BBU27-7E 7 BBU27-10E 10 BBU27-13E 13 BBU27-15E 15 BBU27-20E 20 BBU27-25E 25 BBU27-30E 30 BBU27-65E 65 BBU27-80E 80 BBU27-15E 150 BBU27-15E 150 BBU27-15E 150 BBU27-15E 150 BBU27-10E 100 BBU27-15E 150 BBU27-80E 80 BBU27-15E 150 BBU27-15E 150 BBU27-15E 155 BBU27-15E 150 BBU27-15E 150 BBU27-15E 150 BBU27-15E 15 BBU27-20E 200 BBU27-15E 15 BBU27-20E 200 BBU27-15SE 15 BBU27-20SE 20 BBU27-20SE 20 BBU27-25SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-65SE 65 BBU27-80SE 80 BBU27-100SE 100 BBU27-15SE 150 BBU27-15SE 15 BBU27-10SE 100 BBU27-15SE 150	BBU27-40K	40			
BBU27-80K 80 BBU27-100K 100 BBU27-140K 140 BBU27-200K 200 BBU27-5E 5 BBU27-7E 7 BBU27-10E 10 BBU27-13E 13 BBU27-15E 15 BBU27-20E 20 BBU27-20E 25 BBU27-30E 30 BBU27-40E 40 27 12.5 E BBU27-10E 100 BBU27-15E 156 BBU27-10E 100 BBU27-15E 156 BBU27-50E 50 BBU27-10E 100 BBU27-15E 155 BBU27-10E 100 BBU27-15E 155 BBU27-15E 155 BBU27-15E 156 BBU27-15E 156 BBU27-15E 156 BBU27-15E 15 BBU27-20E 200 BBU27-15SE 15 BBU27-20SE 20 BBU27-20SE 20 BBU27-30SE 30 BBU27-30SE 30 BBU27-40SE 40 BBU27-65E 65 BBU27-80SE 80 BBU27-10SE 100 BBU27-125SE 155 BBU27-10SE 100 BBU27-125SE 155 BBU27-10SE 100 BBU27-125SE 155 BBU27-10SE 100 BBU27-125SE 125 BBU27-10SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150	BBU27-50K	50			
BBU27-100K 100 BBU27-140K 140 BBU27-200K 200 BBU27-5E 5 BBU27-7E 7 BBU27-10E 10 BBU27-13E 13 BBU27-15E 15 BBU27-20E 20 BBU27-25E 25 BBU27-30E 30 BBU27-40E 40 27 12.5 E BBU27-10E 100 BBU27-15E 155 BBU27-10E 100 BBU27-15E 155 BBU27-10E 100 BBU27-15E 155 BBU27-10E 100 BBU27-15E 155 BBU27-15E 155 BBU27-15E 155 BBU27-15E 155 BBU27-15E 15 BBU27-20E 20 BBU27-15E 15 BBU27-20E 20 BBU27-15E 15 BBU27-20E 20 BBU27-15SE 15 BBU27-20SE 20 BBU27-25SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-65SE 65 BBU27-80SE 80 BBU27-100SE 100 BBU27-125SE 125 BBU27-100SE 100 BBU27-125SE 125 BBU27-100SE 100 BBU27-125SE 155 BBU27-100SE 100 BBU27-125SE 155 BBU27-150SE 150 BBU27-150SE 150 BBU27-150SE 150 BBU27-150SE 150 BBU27-150SE 150 BBU27-150SE 150	BBU27-65K	65			
BBU27-140K 140 BBU27-200K 200 BBU27-5E 5 BBU27-7E 7 BBU27-10E 10 BBU27-13E 13 BBU27-15E 15 BBU27-20E 20 BBU27-25E 25 BBU27-30E 30 BBU27-65E 65 BBU27-65E 65 BBU27-10E 100 BBU27-10E 100 BBU27-15E 155 BBU27-10E 100 BBU27-15E 155 BBU27-15E 155 BBU27-15E 155 BBU27-15E 155 BBU27-15E 155 BBU27-15E 156 BBU27-15E 156 BBU27-15E 15 BBU27-200E 200 BBU27-15SE 15 BBU27-20SE 20 BBU27-20SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-65SE 65 BBU27-65SE 65 BBU27-80SE 80 BBU27-100SE 100 BBU27-15SE 15 BBU27-10SE 100 BBU27-15SE 15 BBU27-25SE 25 BBU27-30SE 30 BBU27-15SE 15 BBU27-10SE 100 BBU27-15SE 150	BBU27-80K	80			
BBU27-200K 200 BBU27-5E 5 BBU27-7E 7 BBU27-10E 10 BBU27-13E 13 BBU27-15E 15 BBU27-20E 20 BBU27-25E 25 BBU27-30E 30 BBU27-40E 40 27 12.5 E BBU27-80E 80 BBU27-10E 100 BBU27-125E 125 BBU27-15E 15 BBU27-20E 200 BBU27-15SE 15 BBU27-20SE 20 BBU27-20SE 20 BBU27-30SE 30 BBU27-40SE 40 BBU27-50SE 50 BBU27-65SE 65 BBU27-80SE 80 BBU27-100SE 100 BBU27-125SE 125 BBU27-100SE 100 BBU27-125SE 125 BBU27-100SE 100 BBU27-125SE 155 BBU27-100SE 100 BBU27-125SE 155 BBU27-100SE 100 BBU27-125SE 155 BBU27-10SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-175SE 175	BBU27-100K	100			
BBU27-5E 5 BBU27-7E 7 BBU27-10E 10 BBU27-13E 13 BBU27-15E 15 BBU27-20E 20 BBU27-25E 25 BBU27-30E 30 BBU27-40E 40 27 12.5 E BBU27-65E 65 BBU27-100E 100 BBU27-125E 125 BBU27-100E 150 BBU27-15E 15 BBU27-15E 15 BBU27-15E 15 BBU27-15E 15 BBU27-20E 20 BBU27-15E 15 BBU27-20E 20 BBU27-20E 20 BBU27-15SE 15 BBU27-20SE 20 BBU27-20SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-50SE 50 BBU27-65SE 65 BBU27-80SE 80 BBU27-100SE 100 BBU27-125SE 125 BBU27-100SE 100 BBU27-125SE 125 BBU27-100SE 100 BBU27-125SE 155 BBU27-100SE 100 BBU27-125SE 155 BBU27-100SE 100 BBU27-125SE 155 BBU27-100SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-175SE 175	BBU27-140K	140			
BBU27-7E 7 BBU27-10E 10 BBU27-13E 13 BBU27-15E 15 BBU27-20E 20 BBU27-25E 25 BBU27-30E 30 BBU27-40E 40 27 12.5 E BBU27-65E 65 BBU27-10E 100 BBU27-15E 125 BBU27-10E 100 BBU27-175E 175 BBU27-15SE 15 BBU27-20SE 20 BBU27-20SE 20 BBU27-30SE 30 BBU27-30SE 30 BBU27-40SE 40 BBU27-10SE 100 BBU27-10SE 150 BBU27-10SE 150 BBU27-10SE 150 BBU27-10SE 150 BBU27-15SE 150	BBU27-200K	200			
BBU27-10E 10 BBU27-13E 13 BBU27-15E 15 BBU27-20E 20 BBU27-25E 25 BBU27-30E 30 BBU27-40E 40 27 12.5 E BBU27-50E 50 BBU27-65E 65 BBU27-100E 100 BBU27-175E 175 BBU27-175E 175 BBU27-200E 200 BBU27-15SE 15 BBU27-20SE 20 BBU27-30SE 30 BBU27-30SE 30 BBU27-30SE 50 BBU27-30SE 50 BBU27-65SE 65 BBU27-30SE 50 BBU27-10SE 100 BBU27-15SE 15 BBU27-25SE 25 BBU27-30SE 30 BBU27-25SE 25 BBU27-30SE 30 BBU27-25SE 25 BBU27-30SE 30 BBU27-10SE 100 BBU27-15SE 15 BBU27-10SE 100 BBU27-15SE 150	BBU27-5E	5			
BBU27-13E 13 BBU27-15E 15 BBU27-20E 20 BBU27-25E 25 BBU27-30E 30 BBU27-40E 40 27 12.5 E BBU27-65E 65 BBU27-80E 80 BBU27-100E 100 BBU27-175E 150 BBU27-175E 15 BBU27-200E 200 BBU27-15SE 15 BBU27-20SE 20 BBU27-30SE 30 BBU27-30SE 30 BBU27-40SE 40 BBU27-65SE 65 BBU27-80SE 80 BBU27-10SE 100 BBU27-15SE 15 BBU27-25SE 25 BBU27-30SE 30 BBU27-30SE 30 BBU27-40SE 40 BBU27-50SE 50 BBU27-50SE 50 BBU27-50SE 50 BBU27-10SE 100 BBU27-15SE 155 BBU27-10SE 150 BBU27-15SE 150	BBU27-7E	7			
BBU27-15E 15 BBU27-20E 20 BBU27-25E 25 BBU27-30E 30 BBU27-40E 40 27 12.5 E BBU27-65E 65 BBU27-65E 65 BBU27-100E 100 BBU27-15E 125 BBU27-15E 150 BBU27-200E 200 BBU27-15SE 15 BBU27-20SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-65SE 65 BBU27-65SE 65 BBU27-80SE 80 BBU27-150SE 100 BBU27-15SE 15 BBU27-20SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-65SE 65 BBU27-80SE 80 BBU27-10SE 100 BBU27-15SE 150	BBU27-10E	10			
BBU27-20E 20 BBU27-25E 25 BBU27-30E 30 BBU27-40E 40 27 12.5 E BBU27-50E 50 BBU27-65E 65 BBU27-80E 80 BBU27-100E 100 BBU27-15E 125 BBU27-15E 150 BBU27-200E 200 BBU27-15SE 15 BBU27-20SE 20 BBU27-30SE 30 BBU27-40SE 40 BBU27-40SE 40 BBU27-65SE 65 BBU27-80SE 80 BBU27-100SE 100 BBU27-15SE 1100 BBU27-15SE 15 BBU27-25SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-50SE 50 BBU27-50SE 50 BBU27-50SE 50 BBU27-50SE 100 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150	BBU27-13E	13			
BBU27-25E 25 BBU27-30E 30 BBU27-40E 40 27 12.5 E BBU27-50E 50 BBU27-65E 65 BBU27-80E 80 BBU27-100E 100 BBU27-125E 125 BBU27-150E 150 BBU27-15SE 15 BBU27-200E 200 BBU27-20SE 20 BBU27-30SE 30 BBU27-30SE 30 BBU27-40SE 40 BBU27-50SE 50 BBU27-80SE 80 BBU27-10SE 100 BBU27-125SE 125 BBU27-10SE 100 BBU27-125SE 15 BBU27-30SE 50 BBU27-50SE 50 BBU27-50SE 50 BBU27-50SE 100 BBU27-10SE 100 BBU27-125SE 125 BBU27-10SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150	BBU27-15E	15			
BBU27-30E 30 BBU27-40E 40 27 12.5 E BBU27-50E 50 BBU27-65E 65 BBU27-80E 80 BBU27-100E 100 BBU27-125E 125 BBU27-150E 150 BBU27-15E 175 BBU27-200E 200 BBU27-20SE 20 BBU27-20SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-65SE 65 BBU27-80SE 80 BBU27-100SE 100 BBU27-125SE 125 BBU27-10SE 100 BBU27-125SE 15 BBU27-80SE 80 BBU27-10SE 100 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150	BBU27-20E	20			
BBU27-40E 40 27 12.5 E BBU27-50E 50 BBU27-65E 65 BBU27-80E 80 BBU27-100E 100 BBU27-125E 125 BBU27-150E 150 BBU27-155E 15 BBU27-200E 200 BBU27-20SE 20 BBU27-30SE 25 BBU27-30SE 30 BBU27-50SE 50 BBU27-65SE 65 27 12.5 SE BBU27-100SE 100 BBU27-125SE 125 BBU27-10SE 100 BBU27-15SE 150	BBU27-25E	25			
BBU27-50E 50 BBU27-65E 65 BBU27-80E 80 BBU27-100E 100 BBU27-125E 125 BBU27-150E 150 BBU27-175E 175 BBU27-200E 200 BBU27-15SE 15 BBU27-20SE 20 BBU27-20SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-65SE 65 BBU27-80SE 80 BBU27-10SE 100 BBU27-10SE 100 BBU27-125SE 125 BBU27-10SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-175SE 175	BBU27-30E	30			
BBU27-65E 65 BBU27-80E 80 BBU27-100E 100 BBU27-125E 125 BBU27-150E 150 BBU27-175E 175 BBU27-200E 200 BBU27-15SE 15 BBU27-20SE 20 BBU27-20SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-6SSE 65 BBU27-80SE 80 BBU27-10SE 100 BBU27-10SE 100 BBU27-15SE 125 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-175SE 175	BBU27-40E	40	27	12.5	E
BBU27-80E 80 BBU27-100E 100 BBU27-125E 125 BBU27-150E 150 BBU27-175E 175 BBU27-200E 200 BBU27-15SE 15 BBU27-20SE 20 BBU27-20SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-65SE 65 BBU27-80SE 80 BBU27-100SE 100 BBU27-15SE 125 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-175SE 175	BBU27-50E	50			
BBU27-100E 100 BBU27-125E 125 BBU27-150E 150 BBU27-175E 175 BBU27-200E 200 BBU27-15SE 15 BBU27-20SE 20 BBU27-20SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-65SE 65 BBU27-80SE 80 BBU27-100SE 100 BBU27-125SE 125 BBU27-15SE 150 BBU27-175SE 150 BBU27-175SE 175	BBU27-65E	65			
BBU27-125E 125 BBU27-150E 150 BBU27-175E 175 BBU27-200E 200 BBU27-15SE 15 BBU27-20SE 20 BBU27-20SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-50SE 50 BBU27-65SE 65 27 12.5 SE BBU27-10SE 100 BBU27-115SE 125 BBU27-115SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-175SE 150 BBU27-175SE 175	BBU27-80E	80			
BBU27-150E 150 BBU27-175E 175 BBU27-200E 200 BBU27-15SE 15 BBU27-20SE 20 BBU27-20SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-50SE 50 BBU27-65SE 65 27 12.5 SE BBU27-100SE 100 BBU27-125SE 125 BBU27-15SE 150 BBU27-15SE 150 BBU27-15SE 150 BBU27-175SE 175	BBU27-100E	100			
BBU27-175E 175 BBU27-200E 200 BBU27-15SE 15 BBU27-20SE 20 BBU27-25SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-50SE 50 BBU27-65SE 65 27 12.5 SE BBU27-80SE 80 BBU27-100SE 100 BBU27-125SE 125 BBU27-15SE 150 BBU27-175SE 150 BBU27-175SE 175	BBU27-125E	125			
BBU27-200E 200 BBU27-15SE 15 BBU27-20SE 20 BBU27-25SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-50SE 50 BBU27-65SE 65 27 12.5 SE BBU27-80SE 80 BBU27-100SE 100 BBU27-125SE 125 BBU27-15SE 150 BBU27-175SE 175	BBU27-150E	150			
BBU27-15SE 15 BBU27-20SE 20 BBU27-25SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-50SE 50 BBU27-65SE 65 27 12.5 SE BBU27-100SE 100 BBU27-125SE 125 BBU27-175SE 150 BBU27-175SE 175	BBU27-175E	175			
BBU27-20SE 20 BBU27-25SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-50SE 50 BBU27-65SE 65 27 12.5 SE BBU27-80SE 80 BBU27-100SE 100 BBU27-125SE 125 BBU27-175SE 150 BBU27-175SE 175	BBU27-200E	200			
BBU27-25SE 25 BBU27-30SE 30 BBU27-40SE 40 BBU27-50SE 50 BBU27-65SE 65 27 12.5 SE BBU27-80SE 80 BBU27-100SE 100 BBU27-125SE 125 BBU27-150SE 150 BBU27-175SE 175	BBU27-15SE	15			
BBU27-30SE 30 BBU27-40SE 40 BBU27-50SE 50 BBU27-65SE 65 27 12.5 SE BBU27-80SE 80 BBU27-100SE 100 BBU27-125SE 125 BBU27-150SE 150 BBU27-175SE 175	BBU27-20SE	20			
BBU27-40SE 40 BBU27-50SE 50 BBU27-65SE 65 27 12.5 SE BBU27-80SE 80 BBU27-100SE 100 BBU27-125SE 125 BBU27-150SE 150 BBU27-175SE 175	BBU27-25SE	25			
BBU27-50SE 50 BBU27-65SE 65 BBU27-80SE 80 BBU27-100SE 100 BBU27-125SE 125 BBU27-150SE 150 BBU27-175SE 175	BBU27-30SE	30			
BBU27-65SE 65 27 12.5 SE BBU27-80SE 80 BBU27-100SE 100 BBU27-125SE 125 BBU27-150SE 150 BBU27-175SE 175	BBU27-40SE	40			
BBU27-80SE 80 BBU27-100SE 100 BBU27-125SE 125 BBU27-150SE 150 BBU27-175SE 175	BBU27-50SE	50			
BBU27-100SE 100 BBU27-125SE 125 BBU27-150SE 150 BBU27-175SE 175	BBU27-65SE	65	27	12.5	SE
BBU27-125SE 125 BBU27-150SE 150 BBU27-175SE 175	BBU27-80SE	80			
BBU27-150SE 150 BBU27-175SE 175	BBU27-100SE	100			
BBU27-175SE 175	BBU27-125SE	125			
	BBU27-150SE	150			
BBU27-200SE 200	BBU27-175SE	175			
, , , , , , , , , , , , , , , , , , , ,	BBU27-200SE	200			

	5		5	
	Rated Current	Voltage	Breaking Capacity	
Part Number	(A)	kV		Fuse Type
BBU38-3K	3			
BBU38-6K	6			
BBU38-8K	8			
BBU38-10K	10			
BBU38-12K	12			
BBU38-15K	15			
BBU38-20K	20			
BBU38-30K	30	38	10	К
BBU38-40K	40			
BBU38-50K	50			
BBU38-65K	65			
BBU38-80K	80	1		
BBU38-100K	100	1		
BBU38-140K	140			
BBU38-200K	200			
BBU38-5E	5			
BBU38-7E	7			
BBU38-10E	10			
BBU38-13E	13			
BBU38-15E	15			
BBU38-20E	20			
BBU38-25E	25			
BBU38-30E	30			
BBU38-40E	40	38	10	Е
BBU38-50E	50			_
BBU38-65E	65			
BBU38-80E	80			
BBU38-100E	100			
BBU38-125E	125			
BBU38-150E	150			
BBU38-175E	175			
BBU38-175E BBU38-200E	200			
BBU38-15SE	15			
BBU38-15SE BBU38-20SE	20			
BBU38-25SE	25			
BBU38-30SE	30			
BBU38-40SE	40			
BBU38-50SE	50		4.0	05
BBU38-65SE	65	38	10	SE
BBU38-80SE	80			
BBU38-100SE	100			
BBU38-125SE	125			
BBU38-150SE	150			
BBU38-175SE	175			
BBU38-200SE	200			

The BBU fuse is offered in three constructions to meet specific melt curves for an application. The construction is designated in the part number suffix: E (Standard), K (Fast) and SE (Slow). Contact Cooper Bussmann for application details: buletechnical@cooperindustries.com