Current limiting and expulsion fuses 2.5–38 kV

Medium voltage power fuses

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Choices. Experience. Value.

Eaton is the world leader in the design and manufacturing of medium voltage power fuses.

For over 70 years, customers have depended on Eaton as the industry's only full line supplier of both current limiting and expulsion fuses for protection of medium voltage systems. From 2.5 to 38 kV, the Eaton power fuse line meets the needs of every medium voltage application.

More than 2000 styles

Medium voltage power fuses are available to cover all voltages, currents and mounting ratings. Complete overviews of Eaton ratings and styles are shown on the application and selection charts on pages 5 and 7.



Interchangeability

Both replaceable current limiting fuses and expulsion fuses are completely interchangeable with those made by most other manufacturers. Eaton refillable expulsion fuses meet or exceed other suppliers' ratings.

Technology

The double helix construction, an Eaton advancement, extends the range of ratings available for E-rated current limiting fuses. Eaton pioneered the use of boric acid as the interrupting medium in expulsion fuses.

2



Quality you can trust from Eaton.

Application support

Specializing in medium voltage switchgear components and assemblies, Eaton has focused its knowledge and experience throughout the organization. From design engineers to application engineers, Eaton strives to continually provide the most comprehensive, in-depth customer support.



Certification

All Eaton medium voltage power fuses are thoroughly tested and conform to applicable IEEE®, ANSI® and NEMA® standards. R-rated fuses are UL® Recognized. E-rated and expulsion fuses are component rated in many UL switchgear.

Know-how

Modern facilities provide comprehensive in-house development and testing capabilities. Computer-aided design and manufacturing reduce product development cycles by speeding up the design process.

Quality and reliability

Each fuse is individually inspected at critical points throughout the manufacturing process and tested prior to shipment. With over 70 years of fuse design experience, Eaton is able to provide serviceability and durability for countless applications worldwide.

Lead times

Many styles and ratings are stocked and can be shipped within 24 hours. Nonstock styles can be manufactured and shipped in 20 days or less.

Manufacturing

All Eaton power fuses are manufactured in a modern ISO®-9002 facility that uses the most current manufacturing techniques and equipment.



A full line of current limiting fuses

Eaton current limiting fuses provide energy limiting fault protection for both indoor and outdoor distribution systems.



Available types

Eaton offers two types of current limiting fuses—general-purpose and backup. General-purpose fuses are designed to interrupt low fault currents that cause the element to melt in one hour or less. Backup fuses are designed to be applied in series with another interrupting device capable of interrupting currents below the minimum interrupting current of the fuse. In addition, low voltage limiters are available that are used in combination with the DSL series breaker.

Interruption

Current limiting fuses provide effective limitation of fault magnitude and duration with the added benefit of a quiet and safe operation. At high fault currents, the fuse element instantly melts and loses its energy to the surrounding sand. The sand melts and forms fulgurite, a glass-like substance. The arc voltage increases to approximately twice the system voltage, forcing the current to zero. Interruption is accomplished without noise or discharge. During a low fault, the current melts a solder drop located on the silver element. The element burns back until there is sufficient gap to interrupt the current in a process commonly known as the M-effect.

Application

Eaton offers a wide range of interrupting ratings in singlebarrel designs with ratings extended to higher currents in double- and quad-barrel designs. E-rated fuses are available in both long (CLE) and short (HLE) clip center designs. R-rated motor starter fuses are available with an integral hookeye for AMPGARD® switchgear or standard clip style mounting. For potential transformer protection, CLPT fuses are offered in 0.81 and 1.60 inch diameters. CX and CLT fuses are ideally suited for canister applications and are available in a wide variety of ratings. Low voltage limiters are offered in six current classes up to 5000 amperes.

Construction

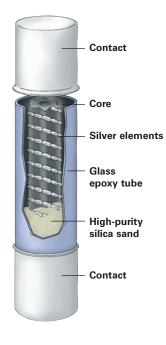
Precision calibrated elements are designed and manufactured in a variety of materials to provide customers with the most advantageous thermal characteristics. With uniquely designed element constructions for each class, current limiting fuses offer the highest ratings available in the smallest barrel sizes. All components are housed in a fiberglass reinforced resin tube with plated copper contact caps that are magne-formed onto the housing for optimum strength and are filled with high-purity silica sand. Outdoor-style fuses have a protective enamel paint system that covers the fuse tube and a sealing system on the ends of the caps. Blown fuse indication is provided by either a striker pin with triggering force or a pop-up button. A durable label is located on each fuse, which provides ratings and manufacturer information.

Mountings

Eaton current limiting fuses are available in standard industry mounting sizes. Fuse mountings are available in either disconnect or nondisconnect designs. Mountings include the base, a porcelain or glass polyester insulator and live parts. Live parts, fuse clips and end fittings are also available separately. All Eaton current limiting fuses and mountings are easy to install and operate.

Current limiting fuse available ratings

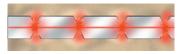
CL fu	ISE	COI	nsti	ucτ	ion



CL fuse operation



Element melts, forming multiple arcs



Heat melts the sand



Sand absorbs the heat



Arc is extinguished and forced to zero

	Type/ Ampore		Interrupting	Dimensions in Inches			
escription	Type/ Voltage	Ampere Rating	Symmetrical kA Rating	Diameter	Length	Clip Cente	
• E-rated	CLE-C						
Indoor and outdoor enclosure	2.75 kV	15E–25E	50	2.00	9.50	8.10	
• Disconnect and nondisconnect	5.5 kV	15E–25E	50	2.00	12.90	11.50	
mountings	8.3 kV	15E–25E	50	2.00	15.50	14.00	
Ũ	15.5 kV	15E–25E	31	2.00	21.50	20.00	
Live parts	CL-D						
	2.75 kV	10E-450E	50	3.00	10.90	7.00	
	5.5 kV	10E-450E	63	3.00	17.90	14.00	
	8.3 kV	10E-350E	50	3.00	17.90	14.00	
	15.5 kV	10E-300E	63	3.00	23.90	20.00	
	CLE-F	TUL-300L	03	3.00	23.30	20.00	
		COOF 10504	01	4.00	17.00		
	5.5 kV	600E-1350A	31	4.00	17.90		
	HLE/AHLE	405 4504			45.00	40.00	
	5.5 kV	10E-450A	63	3.00	15.90	12.00	
	8.3 kV	10E-350E	50	3.00	15.90	12.00	
	15.5 kV	10E-250E	63	3.00	18.90	15.00	
• E-rated	NCLPT						
Indoor enclosure	2.475 kV	.25E–5E	63	.81	4.50	4.00	
• Disconnect and nondisconnect	5.5 kV	.25E-4E	63	.81	5.60	5.00	
mountings	8.3 kV	2E and 4E	50	.81	8.00	7.40	
-	CLPT						
Live parts	5.5 kV	.5E–10E	80	1.60	9.50	8.20	
A KEACE 45 5 5	8.3 kV	.5E-10E	50	1.60	12.90	11.50	
	15.5 kV	.5E-1.5E	80	1.60	13.00	11.50	
	15.5 kV	.5E-10E	80	1.60	17.50	16.20	
	25.5 kV	.5E-16L	44	1.60	17.50	16.20	
	38 kV	.5E	44	1.60	18.60	17.10	
• R-rated	CLS/ACLS	00.040	50	0.00	40.00	7.00	
 Indoor enclosure 	2.75 kV	2R-24R	50	3.00	10.90	7.00	
• Disconnect and nondisconnect	5.5 kV	2R—24R	50	3.00	15.90	12.00	
mountings	8.3 kV	2R-24R	50	3.00	15.90	12.00	
Live parts	CLS70						
Live parts	5.1 kV	2R-44R	50	4.00	16.00	—	
Crotod	CV						
• C-rated		100,000	50	1 10	10.00	11 50	
 Indoor enclosure 	5.5 kV	10C-20C	50	1.10	10.00	11.50	
• Disconnect and nondisconnect	5.5 kV	21C-75C	50	2.00	10.00	11.50	
mountings	8.3 kV	10C-15C	50	1.10	10.00	11.50	
• Live parts					40.00	11.50	
	8.3 kV	18C-40C	50	2.00	10.00		
	8.3 kV 15.5 kV	18C-40C 4C-40C	50 50	2.00 2.00	10.00	13.40	
	15.5 kV						
	15.5 kV CXN	4C-40C	50	2.00	14.30	13.40	
	15.5 kV CXN 8.3 kV	4C-40C 60C and 100C	50 50	2.00	14.30 18.80	13.40 14.50	
	15.5 kV CXN 8.3 kV 8.3 kV 15.5 kV	4C-40C 60C and 100C 125C-300C 45C-60C	50 50 50	2.00 3.00 4.00	14.30 18.80 18.80 18.80	13.40 14.50 14.50	
and the second sec	15.5 kV CXN 8.3 kV 8.3 kV 15.5 kV 15.5 kV	4C-40C 60C and 100C 125C-300C	50 50 50 50	2.00 3.00 4.00 3.00	14.30 18.80 18.80	13.40 14.50 14.50 14.50	
General purpose	15.5 kV CXN 8.3 kV 8.3 kV 15.5 kV 15.5 kV CLT	4C-40C 60C and 100C 125C-300C 45C-60C 75C-175C	50 50 50 50 50 50	2.00 3.00 4.00 3.00 4.00	14.30 18.80 18.80 18.80 18.80	13.40 14.50 14.50 14.50 14.50	
General purpose	15.5 kV CXN 8.3 kV 8.3 kV 15.5 kV 15.5 kV CLT 2.75 kV	4C-40C 60C and 100C 125C-300C 45C-60C 75C-175C 5-150A	50 50 50 50 50 50 25	2.00 3.00 4.00 3.00 4.00 1.50	14.30 18.80 18.80 18.80 18.80 9.75	13.40 14.50 14.50 14.50 14.50 8.20	
General purpose Canister	15.5 kV CXN 8.3 kV 8.3 kV 15.5 kV 15.5 kV CLT 2.75 kV 5.5 kV	4C-40C 60C and 100C 125C-300C 45C-60C 75C-175C 5-150A 8-60A	50 50 50 50 50 50 25 25	2.00 3.00 4.00 3.00 4.00 1.50 1.50	14.30 18.80 18.80 18.80 18.80 9.75 9.75	13.40 14.50 14.50 14.50 14.50 8.20 8.20	
General purpose	15.5 kV CXN 8.3 kV 8.3 kV 15.5 kV 15.5 kV 2.75 kV 5.5 kV 8.3 kV	4C-40C 60C and 100C 125C-300C 45C-60C 75C-175C 5-150A 8-60A 5-45A	50 50 50 50 50 25 25 25 25	2.00 3.00 4.00 3.00 4.00 1.50 1.50 1.50	14.30 18.80 18.80 18.80 18.80 9.75 9.75 9.75 9.75	13.40 14.50 14.50 14.50 14.50 8.20 8.20 8.20 8.20	
General purpose Canister	15.5 kV CXN 8.3 kV 15.5 kV 15.5 kV 2.75 kV 5.5 kV 8.3 kV 15.5 kV	4C-40C 60C and 100C 125C-300C 45C-60C 75C-175C 5-150A 8-60A	50 50 50 50 50 50 25 25	2.00 3.00 4.00 3.00 4.00 1.50 1.50	14.30 18.80 18.80 18.80 18.80 9.75 9.75	13.40 14.50 14.50 14.50 14.50 8.20 8.20	
General purpose	15.5 kV CXN 8.3 kV 15.5 kV 15.5 kV CLT 2.75 kV 5.5 kV 8.3 kV 15.5 kV 15.5 kV	4C-40C 60C and 100C 125C-300C 45C-60C 75C-175C 5-150A 8-60A 5-45A 4-30A	50 50 50 50 50 25 25 25 25 25	2.00 3.00 4.00 3.00 4.00 1.50 1.50 1.50 2.30	14.30 18.80 18.80 18.80 18.80 9.75 9.75 9.75 9.75	13.40 14.50 14.50 14.50 14.50 8.20 8.20 8.20 8.20 8.20	
General purpose Canister	15.5 kV CXN 8.3 kV 15.5 kV 15.5 kV CLT 2.75 kV 5.5 kV 8.3 kV 15.5 kV DSL 600V	4C-40C 60C and 100C 125C-300C 45C-60C 75C-175C 5-150A 8-60A 5-45A 4-30A	50 50 50 50 50 25 25 25 25 25 20	2.00 3.00 4.00 3.00 4.00 1.50 1.50 1.50 2.30 2.50	14.30 18.80 18.80 18.80 18.80 9.75 9.75 9.75 9.75 9.75 5.80	13.40 14.50 14.50 14.50 8.20 8.20 8.20 8.20 8.20 8.20 8.20 8.20 8.20 8.20 8.20 8.20 8.20	
 General purpose Canister Limiters 	15.5 kV CXN 8.3 kV 15.5 kV 15.5 kV CLT 2.75 kV 5.5 kV 8.3 kV 15.5 kV 0SL 600V 600V	4C-40C 60C and 100C 125C-300C 45C-60C 75C-175C 5-150A 8-60A 5-45A 4-30A 150-800A 12-2 kA	50 50 50 50 50 25 25 25 25 25 25 25 25 25 25	2.00 3.00 4.00 3.00 4.00 1.50 1.50 1.50 2.30	14.30 18.80 18.80 18.80 18.80 9.75 9.75 9.75 9.75	13.40 14.50 14.50 14.50 14.50 8.20 8.20 8.20 8.20 8.20	
 General purpose Canister Limiters 	15.5 kV CXN 8.3 kV 15.5 kV 15.5 kV CLT 2.75 kV 5.5 kV 8.3 kV 15.5 kV DSL 600V	4C-40C 60C and 100C 125C-300C 45C-60C 75C-175C 5-150A 8-60A 5-45A 4-30A	50 50 50 50 50 25 25 25 25 25 20	2.00 3.00 4.00 3.00 4.00 1.50 1.50 1.50 2.30 2.50	14.30 18.80 18.80 18.80 18.80 9.75 9.75 9.75 9.75 9.75 5.80	13.40 14.50 14.50 14.50 8.20 8.20 8.20 8.20 8.20 8.20 8.20 4.75	
 General purpose Canister Limiters 	15.5 kV CXN 8.3 kV 15.5 kV 15.5 kV CLT 2.75 kV 5.5 kV 8.3 kV 15.5 kV 0SL 600V 600V	4C-40C 60C and 100C 125C-300C 45C-60C 75C-175C 5-150A 8-60A 5-45A 4-30A 150-800A 12-2 kA	50 50 50 50 50 25 25 25 25 25 25 25 25 25 25	2.00 3.00 4.00 3.00 4.00 1.50 1.50 1.50 2.30 2.50 3.00	14.30 18.80 18.80 18.80 9.75 9.75 9.75 9.75 9.75 5.80 5.80	13.40 14.50 14.50 14.50 8.20 8.20 8.20 8.20 8.20 8.20 8.20 8.2	
 General purpose Canister Limiters 	15.5 kV CXN 8.3 kV 15.5 kV 15.5 kV 2.75 kV 5.5 kV 8.3 kV 15.5 kV 8.3 kV 15.5 kV 600V 600V 600V	4C-40C 60C and 100C 125C-300C 45C-60C 75C-175C 5-150A 8-60A 5-45A 4-30A 150-800A 12-2 kA .8-2 kA	50 50 50 50 50 25 25 25 25 25 20 200 200	2.00 3.00 4.00 3.00 4.00 1.50 1.50 1.50 2.30 2.50 3.00 3.50	14.30 18.80 18.80 18.80 9.75 9.75 9.75 9.75 9.75 5.80 5.80 5.80	13.40 14.50 14.50 14.50 8.20 8.20 8.20 8.20 8.20 8.20 8.20 8.2	

A full line of expulsion fuses

Eaton expulsion fuses provide full-range fault protection for both indoor and outdoor, medium voltage distribution systems. With a wide variety of E and K ratings, Eaton expulsion fuses provide the highest interrupting capabilities in their class. They are available in both standard and time lag.

Available types

Interruption

Two types of expulsion fuses are available-refillable and replaceable. The refillable RBA fuse is easy to recharge, and it allows the reuse of components by refitting with a new refill, making it ready to reinstall. RBA fuse assemblies and refills are available in three constructions-200, 400 and 800 amperes—to suit a variety of system requirements. The replaceable DBU style fuse is rated 200 amperes, and is removed from its end fittings and discarded after it has operated. RBA fuses provide higher ratings while DBU fuses offer lower installed costs where lower fault currents are encountered. DBU fuses are designed to be interchangeable with other manufacturers' fuses. Refills for some DBA and BA fuses continue to be offered for replacement.

Eaton expulsion fuses use the proven performance of boric acid to create the deionizing 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 and produces a blast of water vapor and inert boric anhydride, extinguishing the arc. This enables the fuse to interrupt short circuits within onehalf cycle and prevents the arc from restriking after a current zero. After interruption, the gases are expelled from the bottom of the fuse

Application

RBA and DBU fuses can be used indoors when fitted with a suppressor to moderate the exhaust discharge. Two types of suppressors can be fitted for RBA fuses. Either a discharge filter that limits the exhaust without affecting the interrupting rating or a condenser that fully restricts the exhaust, but decreases the ratings slightly. An indicator RBA fuse is available featuring an internal fluorescent target visible through a transparent holder. The RDB fuse is a weatherproof design, ideally suited for outdoor applications. Enamel paint and sealed contacts protect the fuse holder against weather. This fuse uses the same refill unit as an RBA fuse but is designed for dropout operation. This is accomplished through the use of an ejector spring that forces the fuse to swing outward to the dropout position. The DBU fuse is designed so that it can be used either indoors or outdoors.

Construction

Eaton expulsion fuses use pure silver for the element construction. The components are housed in a fiberglass reinforced resin tube with plated copper contacts. The RBA fuse uses a flexible copper wire to shunt the spring and to connect the arcing rod to the upper contact. On the DBU fuse, positive contact is maintained between the arcing rod and the contact with a sliding tulip contact. A durable weatherproof label is located on each fuse and provides ratings with manufacturer information.

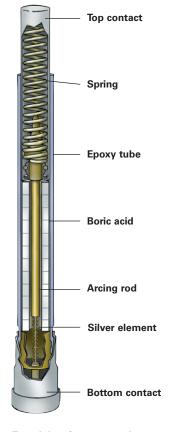
Mountings

Mountings are available for RBA and RDB fuses in disconnect, nondisconnect or dropout styles. Mountings include the base, porcelain or glass polyester insulators and live parts. The assembly allows the fuse to be rigidly positioned in the equipment. Live parts or the current-carrying components above the insulator are available to complete an assembly. Eaton expulsion fuses are easy to install and operate.



Expulsion fuse construction

Expulsion fuse available ratings



Expulsion fuse operation



Element melts



Rod withdraws, elongating arc and vaporizing boric acid

Vapor quenches arc at first current zero

Description Voring of the second					Interrupting	Dimensions in Inches	
• E-rated 8.3 kV 105-200E 205-200E 16.6 1.60 18.80 • Refiliable 15.5 kV 105-200E 205-200E 14.4 1.60 22.20 • Indoor enclosure 38.W 105-200E 205-200E 0.9 1.80 33.80 • Live parts 55.W 0.6-200E 205-400E 2.9.4 2.20 28.00 • Live parts 15.5 W 55-400E 206-400E 2.9.4 2.20 28.00 • SAW 450E-720E 450E-720E 2.9.4 2.20 28.00 • SAW 450E-720E 450E-720E 2.9.4 2.20 28.00 • BAS 83.W 450E-720E 450E-720E 2.9.4 2.20 28.00 • Cartad 83.W 450E-720E 450E-720E 2.9.4 2.20 28.00 • Dropout mounting 83.W 106-200E 20E-200E 16.8 1.80 2.20 28.00 • Dropout mounting 83.W 106-200E 20E-200E 16.8 1.80 2.20 28.00 • Dropout mounting 83.W 155-400E	Description	Type/ Voltage	Ampere Standard E	Ampere Time Lag E	Interrupting Symmetrical kA Rating	Diameter	Length
Disconnect and nondisconnect mountings 155 kV 10E-200E 20E-200E 14.4 1.60 22.3 a) Disconnect and nondisconnect mountings 83 kV 10E-200E 20E-200E 10.5 1.60 2.6 a) Live parts 83 kV 5E-400E 20E-400E 2.9 A 2.20 2.00 Start 115 kV 5E-400E 2.0E-400E 2.9 A 2.20 2.00 Start 115 kV 5E-400E 2.0E-400E 2.9 A 2.20 2.00 Start 5E-400E 2.0E-400E 2.9 A 2.20 2.00 Start 5E-400E 2.0E-400E 2.9 A 2.20 2.00 Start 5E-400E 2.0E-720E 2.9 A 2.20 2.00 Start 450E-720E 450E-720E 2.9 A 2.20 2.8 O Start 450E-720E 450E-720E 1.6 B 1.8 B 2.8 O Outdoor 8.3 kV 10E-200E 2.0 C 2.0 B 2.8 O Start 5.5 kV 5.6 -	RBA	RBA2					
indicer 25 kV 10E-200E 20E-200E 10.5 1.60 28.80 indicer enclosure 38 kV 10E-200E 20E-200E 6.9 1.60 38.80 indicer enclosure 38 kV 10E-200E 20E-200E 2.9 4.20 20.00 is i	E-rated	8.3 kV	10E-200E	20E-200E	16.6	1.60	18.80
Indoor enclosure 25 5 W 10E-200E 20E-200E 16.0 26.80 38.80 Disconnect and nondisconnect mountings 38 W 0E-200E 20E-200E 16.9 1.80 38.80 Live parts 55 W 5E-300E 20E-400E 29.4 2.20 20.00 Image: State of the		15.5 kV	10E-200E	20E-200E	14.4	1.60	22.20
Bisconnect and nondisconnect mountings 38.4% 100-3002 202-300 0.3 1.00 38.40 BRA 55.4% 55-4006 206-4006 28.4 2.70 23.40 25.5.4% 55-3006 206-4006 28.4 2.70 23.40 25.5.4% 55-3006 206-4006 21 2.20 25.00 80.8% 450E-720E 450E-720E 29.4 2.20 23.40 25.5.4% 450E-720E 450E-720E 29.4 2.20 23.00 80.8% 450E-720E 450E-720E 29.4 2.20 23.00 75.5% 450E-720E 450E-740E 16.6 16.0 18.80 9.70000 75.5% 10E-200E 20E-200E 16.6 16.0 28.80 9.70000 75.5% 10E-200E 20E-200E 16.8 2.20 20.00 9.700000 75.5% 10E-200E 20E-200E 16.8 2.20 20.00 9.700000000 75.5% 55-400E 20E-400E		25.5 kV	10E-200E	20E-200E	10.5	1.60	26.80
nondisconnect mountings Normalization SE-400E 20E-400E 29.4 2.00 2.00 Live parts 15.5 kV EE-400E 20E-400E 29.4 2.00 2.3.40 S5.5 kV EE-300E 20E-400E 29.4 2.00 2.3.40 S5.5 kV EF-300E 20E-400E 16.8 2.00 2.3.40 S5.5 kV 450E-720E 450E-720E 29.4 2.20 2.3.40 B3.8 kV 450E-720E 450E-720E 29.4 2.20 2.3.40 B3.8 kV 450E end 540E 450E-720E 29.4 2.20 2.3.40 B3.8 kV 450E end 540E 21 2.20 2.3.60 B3.8 kV 10E-200E 20E-200E 16.5 16.0 26.8.0 Outdoor B8.4 10E-200E 20E-200E 16.3 16.0 28.8.0 Outoput mounting B1.5 kV 10E-200E 20E-200E 16.3 16.0 23.00 S15 kV 10E-200E 20E-200E 16.8 2.20	Indoor enclosure	38 kV	10E-200E	20E-200E	6.9	1.60	33.80
Live parts S = N BE-400E 204-40E 234 22.0 23.00 1 is 5kV 5E-400E 204-40E 21 2.0 28.00 25.5 kV 5E-300E 20E-400E 21 2.0 28.00 88.4 5E-300E 20E-400E 21 2.0 28.00 15.5 kV 450E-720E 450E-720E 29.4 2.0 20.00 15.5 kV 450E-720E 450E-720E 29.4 2.0 28.00 25.5 kV 450E-720E 450E-720E 450E-720E 20.4 2.0 28.00 38 kV 450E-720E 450E-720E 450E-720E 450E-720E 20.4 2.0 28.00 401door 38 kV 450E-720E 20E-200E 16.6 1.60 18.80 1 Live parts 15.5 kV 5E-400E 20E-200E 10.5 16.0 28.00 38 kV 5E-400E 20E-400E 29.4 2.0 2.0 20.00 10 copout mounting 15.5 kV 5E-400E<		RBA4					
25.5 kV 5E-300E 20E-400E 21 2.20 28.00 BBA 56-300E 20E-300E 16.8 2.20 20.00 BBA 33 kV 450E-720E 450E-720E 29.4 2.20 23.40 25.5 kV 450E-720E 450E-720E 29.4 2.20 23.40 25.5 kV 450E-720E 450E-740E 16.8 2.20 23.40 25.5 kV 450E and 540E 450E-720E 29.4 2.20 23.60 BDB 55.5 kV 10E-200E 20E-200E 16.8 1.80 22.80 0 turbor 25.5 kV 10E-200E 20E-200E 10.5 1.60 3.80 0 turbor 25.5 kV 5E-400E 20E-200E 10.5 1.60 3.80 10 F200E 20E-200E 10.5 1.60 3.80 3.80 3.80 3.80 3.80 3.80 3.80 3.80 3.80 3.80 3.80 3.80 3.80 3.80 3.80 3.80 3.80	nondisconnect mountings	8.3 kV	.5E-400E	20E-400E	29.4	2.20	20.00
Bit Mark SB KV SE-300E 20E-300E 16.8 2.20 35.00 RBAB 83 KV 450E-720E 450E-720E 29.4 2.20 23.40 25.5 KV 450E-and 500E 450E-540E 21 2.20 23.00 38 KV 450E and 540E 450E-640E 21 2.20 23.00 80 B 80E 20E-200E 16.8 1.00 18.80 16.8 2.20 20.00 16 Hilbale 15.5 KW 10E-200E 20E-200E 16.8 1.60 28.80 38.80 0 Outdoor 38 KV 10E-200E 20E-200E 1.60 38.80 20.00 38.80 20.00 38.80 20.00 38.80 20.00 38.80 20.00 38.80 20.00 38.80 2.20 20.00 38.80 20.00 38.80 2.20 23.00 23.50 20.00 38.80 2.20 23.00 23.50 20.00 38.80 2.20 23.00 23.50 20.00 2.20 23.00<	 Live parts 	15.5 kV	.5E-400E	20E-400E	29.4	2.20	23.40
BBA Discrete Discrete <thdiscrete< th=""> Discrete D</thdiscrete<>		25.5 kV	.5E-300E	20E-400E	21	2.20	28.00
B3 kV 450E-720E 450E-720E 29.4 2.00 21.3 15.5 kV 450E -720E 400E-720E 29.4 2.20 23.40 25.5 kV 450E and 540E 60E-540E 21 2.20 23.60 R0B B0E - - 2.00 35.00 R0F B3 kV 10E-200E 20E-200E 16.6 1.60 2.80 0.01door 35.5 kW 10E-200E 20E-200E 10.5 1.60 2.80 0.01door 35.W 10E-200E 20E-200E 1.60 3.80 2.80 0.01door 35.W 10E-200E 20E-200E 1.6 2.00 2.80 0.01door 35.W 1.62-00E 2.00 2		38 kV	.5E-300E	20E-300E	16.8	2.20	35.00
15.5 kV 450E-720E 50E-720E 29.4 2.20 23.40 25.5 kV 450E and 540E 50E-540E 21 2.20 28.00 RUB 80E 16.8 2.20 28.00 RUB 80E 0 16.8 2.20 28.00 RUB 15.5 kV 10E-200E 20E-200E 16.6 1.60 28.80 Outdoor 25.5 kV 10E-200E 20E-200E 6.9 1.60 38.00 Dropout mounting BB4 5E-400E 20E-400E 29.4 2.20 20.00 38 kV 5E-400E 20E-300E 16.8 2.20 20.00 38 kV 5E-300E 20E-300E 16.8 2.20 20.00 38 kV 450E-720E 450E-720E 29.4 2.20 20.00 38 kV 450E-720E 29.4 2.20 20.00 38 kV 450E-720E 29.4 2.20 20.00 38 kV 450E-720E 450E-720E 29.4<		RBA8					
25.5 kV 450E and 540E 450E -540E 21 2.20 28.00 RDB RDE 16.8 2.20 35.00 RDB RDB 202 20.00 16.6 16.00 18.80 Refillable 55.1V 10E-200E 20E-200E 16.6 1.60 22.00 Outdoor 38.1V 10E-200E 20E-200E 10.5 1.60 28.80 Dropout mounting RDB4 20E-200E 20E-200E 29.4 2.20 28.40 Sistiv 5E-400E 20E-400E 29.4 2.20 28.40 Sistiv 5E-300E 20E-300E 21 2.20 28.40 Sistiv 5E-300E 20E-300E 21 2.20 28.40 Sistiv 450E-720E 29.4 2.20 28.40 BBU Sistiv 450E-720E 29.4 2.20 28.40 Indoor/outdoor 83.4V 450E-720E 450E-720E 29.4 2.20 28.40 Indoor/outdoor </td <td></td> <td>8.3 kV</td> <td>450E-720E</td> <td>450E-720E</td> <td>29.4</td> <td>2.20</td> <td>20.00</td>		8.3 kV	450E-720E	450E-720E	29.4	2.20	20.00
38 kV 450E and 540E 450E 16.8 2.20 35.00 NDB R0E		15.5 kV	450E-720E	450E-720E	29.4	2.20	23.40
RDB NDB2 • E-rated 8.3 kV 10E-200E 20E-200E 16.6 1.60 18.80 • Refillable 15.5 kV 10E-200E 20E-200E 14.4 1.60 22.80 • Outdoor 38 kV 10E-200E 20E-200E 10.5 1.60 28.80 • Dropout mounting NDB4 - - - - - - 2.25 - 2.06 2.01 2.5 2.20 2.00 3.80 • Live parts 8.3 kV 5E-400E 2.0E-400E 2.9.4 2.20 2.3.40 \$25.5 kV 5E-300E 20E-300E 16.8 2.20 2.3.40 \$25.5 kV 450E-720E 450E-720E 29.4 2.20 23.40 \$25.5 kV 450E-740E 450E-720E 29.4 2.20 23.40 \$25.6 kV 450E-740E 450E-720E 29.4 2.20 23.60 PBB 8.3 kV 450E-740E 450E and 540E 16.8 2.20 36.00		25.5 kV	450E and 540E	450E540E	21	2.20	28.00
E-rated 8.3.4 10E-200E 20E-200E 16.6 1.60 18.00 Pefillable 15.5 kV 10E-200E 20E-200E 14.4 1.60 22.20 Outdoor 38 kV 10E-200E 20E-200E 10.5 1.60 26.60 Dropout mounting RDE4 - - - - - 20.00 20.20 20.00 20.20 20.00 20.20 20.00 20.20 20.00 20.20 20.00 20.20 20.00 20.20 20.00 20.20 20.00 20.20 20.00 20.20 20.00 20.20 20.00 20.20 20.00 20.5 80.4 55.6 450E-720E 29.4 2.20 20.00 20.5 20.5 450E-720E 29.4 2.20 20.00 20.5 20.5 450E-720E 450E-720E 29.4 2.20 20.00 20.5 20.5 450E-720E 450E-720E 29.4 2.20 20.00 20.5 20.5 450E-720E 450E-720E 29.4 2.20 20.00 20.5 20.5 20.5 20.5 20.5 20.5<		38 kV	450E and 540E	450E540E	16.8	2.20	35.00
Default 15.5 kV 10E-200E 20E-200E 14.4 1.60 22.20 Outdoor 25.5 kV 10E-200E 20E-200E 10.5 1.60 26.80 Dropout mounting RDE-200E 20E-200E 6.9 1.60 23.80 Ive parts 6.3 kV .5E-400E 20E-400E 29.4 2.20 23.40 25.5 kV .5E-400E 20E-400E 29.4 2.20 23.00 25.5 kV .5E-300E 20E-300E 21 2.20 28.00 25.5 kV .5E-300E 20E-300E 21 2.20 20.00 15.5 kV .450E-720E 450E-720E 29.4 2.20 20.00 25.5 kV .5E-300E 20E-300E 16.8 2.20 23.00 20E .55 kV 450E-720E 450E-720E 29.4 2.20 20.00 15.5 kV 450E-720E 450E-720E 29.4 2.20 23.00 20E 7 155 10E 20E 16.8 <t< td=""><td>RDB</td><td>RDB2</td><td></td><td></td><td></td><td></td><td></td></t<>	RDB	RDB2					
Refillable 15.5 kV 10E-200E 20E-200E 14.4 1.60 22.20 Outdoor 38 kV 10E-200E 20E-200E 10.5 1.60 38.80 Dropout mounting RDE-200E 20E-200E 6.9 1.60 38.80 Ive parts 8.3 kV 5E-400E 20E-400E 29.4 2.20 23.40 Striv 55.5 kV 5E-300E 20E-300E 21 2.20 28.00 38 kV 5E-300E 20E-300E 21 2.20 28.00 38 kV 5E-300E 20E-300E 16.8 2.20 28.00 38 kV 5E-300E 20E-300E 16.8 2.20 28.00 38 kV 5E-300E 450E-720E 29.4 2.20 28.00 38 kV 450E-540E 450E and 540E 18.8 2.20 35.00 DBU DBU BU Stode and 540E 18.8 2.20 35.00 10dor/outdoor 7kV 15E-200E 1k-200K 14	- E-rated	8.3 kV	10E-200E	20E-200E	16.6	1.60	18.80
Outdoor 25 kV 10E-200E 20E-200E 6.9 1.60 28.80 Dropout mounting R0E4		15.5 kV	10E-200E	20E-200E	14.4	1.60	22.20
Dropout mounting BBK Ute-Zote Zute-Zote Cold 1.80 3.38.00 Live parts 8.3 kV .5E-400E 20E-400E 29.4 2.20 23.40 Strike 15.5 kV .5E-300E 20E-400E 29.4 2.20 28.00 3k.V .5E-300E 20E-300E 21 2.20 28.00 3k.V .5E-300E 20E-300E 16.8 2.20 28.00 3k.V 450E-720E 450E-720E 29.4 2.20 28.00 3k.V 450E-540E 450E and 540E 21 2.20 28.00 3k.V 450E-540E 450E and 540E 16.8 2.20 28.00 3k.V 450E-540E 450E and 540E 18.8 2.20 28.00 0BU DBU Slow E Standard K V 19.10 19.10 1.6a ont/outdoor 3k.V 15E-200E 1k-200K 12.5 1.20 22.60 90A DBA-1 55.15.0 33.150		25.5 kV	10E-200E	20E-200E	10.5	1.60	26.80
Live parts 8.3 kV .5E-400E 20E-400E 29.4 2.20 23.40 15.5 kV .5E-300E 20E-400E 29.4 2.20 23.40 25.5 kV .5E-300E 20E-300E 21 2.20 28.00 38 kV .5E-300E 20E-300E 11 2.20 28.00 38 kV .5E-300E 20E-300E 12 2.20 28.00 38 kV 450E-720E 450E-720E 29.4 2.20 23.40 25.5 kV 450E-720E 450E and 540E 12 2.20 28.00 38 kV 450E-740E 450E and 540E 12 2.20 28.00 38 kV 450E-540E 450E and 540E 12 2.20 28.00 38 kV 450E-540E 450E and 540E 12 2.20 28.00 10door/outdoor 1k-200K 14 1.20 19.10 10door/outdoor 1k-200E 1k-200K 10 1.20 28.40 10door/outdoor 15.5 kV .5E-200E - 6.3 1.50 17.00 10door	• Outdoor	38 kV	10E-200E	20E-200E	6.9	1.60	33.80
Lito parts 155 kV 5E=400E 20E=400E 29.4 2.20 23.40 255 kV .5E=300E 20E=400E 21 2.20 28.00 38 kV .5E=300E 20E=300E 21 2.20 28.00 38 kV .5E=300E 20E=300E 21 2.20 28.00 38 kV .5E=300E 20E=300E 29.4 2.20 23.40 25.5 kV 450E=720E 450E=720E 29.4 2.20 23.40 25.5 kV 450E=740E 450E=720E 29.4 2.20 28.00 38 kV 450E=740E 450E and 540E 16.8 2.20 28.00 38 kV 450E=740E 450E and 540E 16.8 2.20 28.00 38 kV 450E=200E 1k=200K 14 1.20 28.60 1ndoor/outdoor 38 kV 15E=200E 1k=200K 10 1.20 28.40 1s5 kV .5E=200E - 6.3 1.50 17.00 25 kV .5E=200E - 6.3 1.50 21.50 0 Utdoor 38	 Dropout mounting 	RDB4					
15.5 kV .5E-400E 20E-400E 29.4 2.20 23.40 25.5 kV .5E-300E 20E-300E 21 2.20 28.00 38 kV .5E-300E 20E-300E 16.8 2.20 28.00 38 kV .5E-300E 20E-300E 29.4 2.20 23.40 25.5 kV .5E-300E 29.4 2.20 23.40 25.5 kV 450E-720E 450E-720E 29.4 2.20 23.40 25.5 kV 450E-540E 450E and 540E 21 2.20 28.00 38 kV 450E-540E 450E and 540E 16.8 2.20 28.00 DBU DBU Stowe Standard K V 22.5 22.60 28.00 1ndoor/outdoor 38 kV 15E-200E 1k-200K 14 1.20 19.10 1.6ao 17 kV 15E-200E 1k-200K 10 1.20 28.40 1.ndoor/outdoor 27 kV 15E-200E - 6.3 1.50 17.00 26 kV .5E-200E - 6.3 1.50 21.50 25.0 <td>Live parts</td> <td>8.3 kV</td> <td>.5E-400E</td> <td>20E-400E</td> <td>29.4</td> <td>2.20</td> <td>20.00</td>	Live parts	8.3 kV	.5E-400E	20E-400E	29.4	2.20	20.00
38 kV .5E-300E 20E-300E 16.8 2.20 35.00 RDB8		15.5 kV	.5E-400E	20E-400E	29.4	2.20	23.40
35 kV 35 -300 20E -300e 16.8 2.20 35.00 RDB 83 kV 450E-720E 450E-720E 29.4 2.20 23.40 25.5 kV 450E-720E 450E-720E 29.4 2.20 23.40 25.5 kV 450E-540E 450E and 540E 21 2.20 28.00 38 kV 450E-540E 450E and 540E 21 2.20 28.00 38 kV 450E-540E 450E and 540E 21 2.20 28.00 38 kV 450E-540E 450E and 540E 21 2.20 28.00 38 kV 450E-540E 450E and 540E 21 2.20 28.00 ABA 27 kV 15E-200E 1k-200K 10 1.20 28.40 Indoor/outdoor 86HIIS only 5E-200E - 6.3 1.50 13.50 Replaceable 25 kV 5E-200E - 6.3 1.50 21.50 Qutdoor 38 kV 5E-200E - 2.5 1.50 3		25.5 kV	.5E-300E	20E-300E	21	2.20	28.00
RDB8 8.3 kV 450E-720E 450E-720E 29.4 2.20 20.00 15.5 kV 450E-720E 450E-720E 29.4 2.20 23.40 25.5 kV 450E-540E 450E and 540E 21 2.20 28.00 28 kV 450E-540E 450E and 540E 21 2.20 28.00 DBU DBU Slow E Standard K 22.0 28.00 Peplaceable 17 kV 15E-200E 1k-200K 14 1.20 19.10 Replaceable 27 kV 15E-200E 1k-200K 12.5 1.20 28.40 Indoor/outdoor 38 kV 15E-200E - 6.3 1.50 13.50 Replaceable 15.5 kV 5E-200E - 6.3 1.50 12.50 Outdoor 38 kV 5E-200E - 5 1.50 28.50 Refills only 48 kV 5E-200E - 2.5 1.50 43.90 DBA-2 2 2 2.5 <td< td=""><td>X</td><td>38 kV</td><td>.5E-300E</td><td>20E-300E</td><td>16.8</td><td>2.20</td><td>35.00</td></td<>	X	38 kV	.5E-300E	20E-300E	16.8	2.20	35.00
15.5 kV 450E-720E 450E-720E 29.4 2.20 23.40 25.5 kV 450E-540E 450E and 540E 21 2.20 28.00 38 kV 450E-540E 450E and 540E 16.8 2.20 35.00 DBU DBU Slow E Standard K		RDB8					
25.5 kV 450E-540E 450E and 540E 21 2.20 28.00 38 kV 450E-540E 450E and 540E 16.8 2.20 35.00 DBU Slow E Standard K		8.3 kV	450E-720E	450E-720E	29.4	2.20	20.00
38 kV 450E 450E 450E and 540E 16.8 2.20 35.00 DBU DBU Stow E Standard K		15.5 kV	450E-720E	450E-720E	29.4	2.20	23.40
DBU BU Slow E Standard K • E-rated 17 kV 15E-200E 1k-200K 14 1.20 19.10 • Replaceable 27 kV 15E-200E 1k-200K 12.5 1.20 22.60 • Indoor/outdoor 38 kV 15E-200E 1k-200K 10 1.20 28.40 • Refills only		25.5 kV	450E540E	450E and 540E	21	2.20	28.00
E-rated 17 kV 15E-200E 1k-200K 14 1.20 19.10 Replaceable 27 kV 15E-200E 1k-200K 12.5 1.20 22.60 38 kV 15E-200E 1k-200K 10 1.20 28.40 Indoor/outdoor . <td< td=""><td></td><td>38 kV</td><td>450E540E</td><td>450E and 540E</td><td>16.8</td><td>2.20</td><td>35.00</td></td<>		38 kV	450E540E	450E and 540E	16.8	2.20	35.00
Product 27 kV 15E-200E 1k-200K 12.5 1.20 22.60 38 kV 15E-200E 1k-200K 10 1.20 28.40 Indoor/outdoor .<	DBU	DBU	Slow E	Standard K			
Replaceable 27 kV 15E-200E 1k-200K 12.5 1.20 22.60 Indoor/outdoor 38 kV 15E-200E 1k-200K 10 1.20 28.40 Indoor/outdoor PBA DBA-1	• F-rated	17 kV	15E-200E	1k-200K	14	1.20	19.10
1 Indoor/outdoor 38 kV 15E-200E 1k-200K 10 1.20 28.40 Befills only DBA DBA-1 • E-rated 8.3 kV .5E-200E 6.3 1.50 13.50 • Replaceable 15.5 kV .5E-200E 6.3 1.50 21.50 • Outdoor 38 kV .5E-200E 6.3 1.50 28.50 • Refills only 48 kV .5E-200E 5 1.50 28.50 • Refills only 48 kV .5E-200E 4 1.50 34.00 72 kV .5E-200E 2.5 1.50 33.00 72 kV .5E-200E 12.5 2.50 30.00 48 kV .5E-200E 10 2.50 44.00 92 kV .5E-200E 10 2.50 52.00 121 kV .5E-200E 6.3 2.50 72.00 BA BA2 - - 16 - - • E-rat		27 kV	15E-200E	1k-200K	12.5	1.20	22.60
Refills only DBA-1 E-rated 8.3 kV .5E-200E - 6.3 1.50 13.50 Replaceable 15.5 kV .5E-200E - 6.3 1.50 21.50 Outdoor 25 kV .5E-200E - 6.3 1.50 21.50 Outdoor 38 kV .5E-200E - 5 1.50 28.50 Refills only 48 kV .5E-200E - 4 1.50 34.00 72 kV .5E-200E - 2.5 1.50 28.50 DBA-2 - 2.5 1.50 34.00 72 kV .5E-200E - 2.5 1.50 43.90 DBA-2 - 38 kV .5E-200E - 12.5 2.50 30.00 48 kV .5E-200E - 12.5 2.50 32.00 72 kV .5E-200E - 10 2.50 44.00 92 kV 3E-200E - 6.3 2.50 52.00 121 kV 3E-200E - 6.3 2.50 72.00 </td <td></td> <td>38 kV</td> <td>15E-200E</td> <td>1k-200K</td> <td>10</td> <td>1.20</td> <td>28.40</td>		38 kV	15E-200E	1k-200K	10	1.20	28.40
DBA DBA-1 • E-rated 8.3 kV .5E-200E 6.3 1.50 13.50 • Replaceable 15.5 kV .5E-200E 6.3 1.50 17.00 • Outdoor 38 kV .5E-200E 6.3 1.50 21.50 • Outdoor 38 kV .5E-200E 5 1.50 28.50 • Refills only 48 kV .5E-200E 4 1.50 34.00 72 kV .5E-200E 2.5 1.50 43.90 DBA-2 2.5 1.50 30.00 48 kV .5E-200E 12.5 2.50 30.00 48 kV .5E-200E 6.3 2.50 52.00 12 kV 3E-200E 6.3 2.50 52.00 12 kV 3E-200E 4 2.50 72.00 145 kV 3E-200E 16.	 Indoor/outdoor 						
E-rated 8.3 kV .5E-200E 6.3 1.50 13.50 Replaceable 15.5 kV .5E-200E 6.3 1.50 21.50 Outdoor 38 kV .5E-200E 6.3 1.50 21.50 Refills only 48 kV .5E-200E 5 1.50 28.50 Refills only 48 kV .5E-200E 4 1.50 34.00 72 kV .5E-200E 2.5 1.50 43.90 DEA-2 2.5 1.50 30.00 48 kV .5E-200E 12.5 2.50 30.00 48 kV .5E-200E 12.5 2.50 30.00 48 kV .5E-200E 10 2.50 44.00 92 kV 3E-200E 6.3 2.50 52.00 121 kV 3E-200E 6.3 2.50 62.00 121 kV 3E-200E 4 2.50 72.00 E-rated 83 kV .5E-200E <	Refills only						
Replaceable 15.5 kV .5E-200E 6.3 1.50 17.00 Outdoor 25 kV .5E-200E 6.3 1.50 21.50 Outdoor 38 kV .5E-200E 5 1.50 28.50 Refills only 48 kV .5E-200E 4 1.50 34.00 72 kV .5E-200E 2.5 1.50 43.90 DBA-2 2.5 2.50 30.00 48 kV .5E-200E 12.5 2.50 30.00 48 kV .5E-200E 12.5 2.50 30.00 48 kV .5E-200E 10 2.50 44.00 92 kV 3E-200E 6.3 2.50 52.00 121 kV 3E-200E 6.3 2.50 52.00 121 kV 3E-200E 6.3 2.50 52.00 121 kV 3E-200E 16 • E-rated 8.3 kV .5E-200E	DBA	DBA-1					
Replaceable 15.5 kV .5E-200E 6.3 1.50 17.00 Outdoor 25 kV .5E-200E 6.3 1.50 21.50 Befills only 48 kV .5E-200E 5 1.50 28.50 Mark .5E-200E 4 1.50 34.00 72 kV .5E-200E 2.5 1.50 43.90 DBA-2 2.5 1.50 33.00 48 kV .5E-200E 12.5 2.50 30.00 48 kV .5E-200E 12.5 2.50 33.00 72 kV .5E-200E 10 2.50 44.00 92 kV 3E-200E 10 2.50 52.00 121 kV 3E-200E 6.3 2.50 52.00 121 kV 3E-200E 6.3 2.50 52.00 121 kV 3E-200E 16 • E-rated 8.3 kV .5E-200E 16 <	• E-rated	8.3 kV	.5E-200E	_	6.3	1.50	13.50
25 kV .5E-200E 6.3 1.50 21.50 • Outdoor 38 kV .5E-200E 5 1.50 28.50 • Refills only 48 kV .5E-200E 4 1.50 34.00 72 kV .5E-200E 4 1.50 34.00 72 kV .5E-200E 2.5 1.50 43.90 DBA-2 38 kV .5E-200E 12.5 2.50 30.00 48 kV .5E-200E 10 2.50 44.00 92 kV .5E-200E 10 2.50 44.00 92 kV .5E-200E 6.3 2.50 52.00 121 kV .5E-200E 10 2.50 44.00 92 kV .5E-200E 6.3 2.50 52.00 121 kV .5E-200E 16 • E-rated 8.3 kV .5E-200E 16 • Refillable .55 kV .5E-200E		15.5 kV	.5E-200E	—	6.3	1.50	17.00
Outdoor 38 kV .5E-200E 5 1.50 28.50 Refills only 48 kV .5E-200E 4 1.50 34.00 72 kV .5E-200E 2.5 1.50 43.90 DBA-2 2.5 1.50 30.00 48 kV .5E-200E 12.5 2.50 30.00 48 kV .5E-200E 12.5 2.50 30.00 48 kV .5E-200E 12.5 2.50 33.00 48 kV .5E-200E 10 2.50 44.00 92 kV 3E-200E 6.3 2.50 52.00 121 kV 3E-200E 4 2.50 72.00 BA BA2 4 2.50 72.00 • E-rated 8.3 kV .5E-200E 16 • Refillable 15.5 kV .5E-200E 16 • Refills only 15.5 kV .5E-200E 16		25 kV	.5E-200E	_	6.3	1.50	21.50
Refills only 48 kV .5E-200E 4 1.50 34.00 72 kV .5E-200E 2.5 1.50 43.90 DBA-2 2.5 2.50 30.00 48 kV .5E-200E 12.5 2.50 30.00 48 kV .5E-200E 12.5 2.50 30.00 48 kV .5E-200E 10 2.50 31.00 48 kV .5E-200E 10 2.50 44.00 92 kV 3E-200E 6.3 2.50 52.00 121 kV 3E-200E 4 2.50 72.00 BA BA2 4 2.50 72.00 E-rated 8.3 kV .5E-200E 16 Refillable 15.5 kV .5E-200E 16 BA4 .5KV .5E-200E 16 Refills only .5E-200E 16 </td <td>• Outdoor</td> <td>38 kV</td> <td></td> <td>_</td> <td></td> <td>1.50</td> <td></td>	• Outdoor	38 kV		_		1.50	
72 kV .5E-200E — 2.5 1.50 43.90 DBA-2 38 kV .5E-200E — 12.5 2.50 30.00 48 kV .5E-200E — 12.5 2.50 30.00 48 kV .5E-200E — 12.5 2.50 33.00 72 kV .5E-200E — 10 2.50 44.00 92 kV 3E-200E — 6.3 2.50 52.00 121 kV 3E-200E — 6.3 2.50 72.00 BA BA2	Refills only		.5E-200E	_	4		
DBA-2 38 kV .5E-200E - 12.5 2.50 30.00 48 kV .5E-200E - 12.5 2.50 33.00 72 kV .5E-200E - 10 2.50 44.00 92 kV 3E-200E - 6.3 2.50 52.00 121 kV 3E-200E - 6.3 2.50 62.00 121 kV 3E-200E - 5 2.50 62.00 145 kV 3E-200E - 4 2.50 72.00 BA BA2 - - 4 2.50 72.00 BA BA2 -				_	2.5	1.50	
48 kV .5E-200E 12.5 2.50 33.00 72 kV .5E-200E 10 2.50 44.00 92 kV 3E-200E 6.3 2.50 52.00 121 kV 3E-200E 5 2.50 62.00 145 kV 3E-200E 4 2.50 72.00 BA BA2 16 • E-rated 8.3 kV .5E-200E 16 • Refillable 15.5 kV .5E-200E 16 • Indoor/outdoor 8.3 kV .5E-200E 16 • Refills only 15.5 kV .5E-200E 16							
48 kV .5E-200E 12.5 2.50 33.00 72 kV .5E-200E 10 2.50 44.00 92 kV 3E-200E 6.3 2.50 52.00 121 kV 3E-200E 5 2.50 62.00 145 kV 3E-200E 4 2.50 72.00 BA BA2 16 • E-rated 8.3 kV .5E-200E 16 • Refillable 15.5 kV .5E-200E 16 • Indoor/outdoor 8.3 kV .5E-200E 16 • Refills only 15.5 kV .5E-200E 16		38 kV	.5E-200E	_	12.5	2.50	30.00
72 kV .5E-200E 10 2.50 44.00 92 kV 3E-200E 6.3 2.50 52.00 121 kV 3E-200E 5 2.50 62.00 145 kV 3E-200E 4 2.50 72.00 BA BA2 16 • E-rated 8.3 kV .5E-200E 16 • Refillable 15.5 kV .5E-200E 16 • Indoor/outdoor 8.3 kV .5E-200E 16 • Refills only 15.5 kV .5E-200E 16				_	12.5	2.50	33.00
92 kV 3E-200E 6.3 2.50 52.00 121 kV 3E-200E 5 2.50 62.00 145 kV 3E-200E 4 2.50 72.00 BA BA2 16 • E-rated 8.3 kV .5E-200E 12.5 • Refillable 15.5 kV .5E-200E 16 • Indoor/outdoor 8.3 kV .5E-200E 16 • Refills only 15.5 kV .5E-200E 16		72 kV	.5E-200E	_		2.50	
121 kV 3E-200E 5 2.50 62.00 145 kV 3E-200E 4 2.50 72.00 BA BA2 16 • E-rated 8.3 kV .5E-200E 12.5 • Refillable 15.5 kV .5E-200E 12.5 • Indoor/outdoor 8.3 kV .5E-200E 16 • Refills only 15.5 kV .5E-200E 16				_			
145 kV 3E–200E – 4 2.50 72.00 BA BA2 • E-rated 8.3 kV .5E–200E – 16 – – • Refillable 15.5 kV .5E–200E – 12.5 – – • Indoor/outdoor 8.3 kV .5E–200E – 16 – – • Refills only 15.5 kV .5E–200E – 16 – –				_			
BA BA2 • E-rated 8.3 kV .5E-200E - 16 - - • Refillable 15.5 kV .5E-200E - 12.5 - - • Indoor/outdoor 8.3 kV .5E-200E - 12.5 - - • Refills only 15.5 kV .5E-200E - 16 - -				_			
E-rated 8.3 kV .5E-200E 16 Refillable 15.5 kV .5E-200E 12.5 BA4 8.3 kV .5E-200E 16 Refills only 15.5 kV .5E-200E 16	ЗА						
• Refillable 15.5 kV .5E-200E 12.5 • Indoor/outdoor 8.3 kV .5E-200E 16 • Refills only 15.5 kV .5E-200E 16	- F-rated		.5E-200E	_	16	_	_
BA4 Indoor/outdoor 8.3 kV .5E-200E 16 Refills only 15.5 kV .5E-200E 12.5				_		_	_
Indoor/outdoor 8.3 kV .5E-200E 16 Refills only 15.5 kV .5E-200E 12.5		-					
• Refills only 15.5 kV .5E-200E — 12.5 — —	 Indoor/outdoor 		.5E-200E	_	16	_	_
	 Refills only 			_			_

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