

CB-V Δ C Protect

CBP-EVX Series DC Fast-Acting Fuse





Key Features

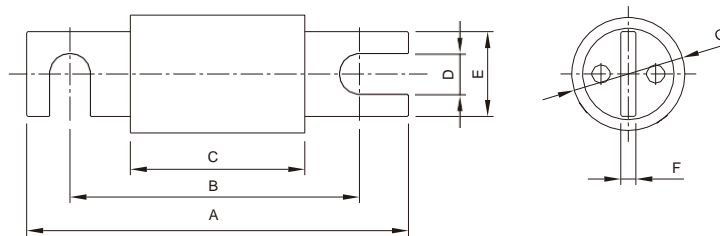
- Precision-engineered fuse element optimized for fast and accurate protection in EV and high-voltage DC applications
- Digitally controlled, automated element manufacturing ensures consistent performance and high dimensional accuracy
- Multi-step quality control process maintains product uniformity and reliability across production batches
- Advanced spot-welding process reduces internal contact resistance, improving efficiency and durability
- Built with high-grade, heat- and corrosion-resistant ceramic tube for superior thermal stability and operational safety
- Integrated contact design minimizes resistance and heat generation, ensuring lower temperature rise and reduced power loss
- Enhanced copper terminals with anti-corrosion treatment and 48-hour salt spray compliance for extended service life
- Optimized arc-quenching chamber with precision quartz filler provides reliable interruption and high fault-clearing capability
- Supports gR/EV protection characteristics for comprehensive coverage of overcurrent and fault scenarios
- Individual tracking code laser-marked on each unit for full traceability and quality assurance

CBP-EVX Series 125Vdc 5-800A

Specification Matrix

Series	Current	Part No.	Pre-arcing I ² t(A ² S)	Total I ² t(A ² S)	Power loss(W)	Series	Current	Part No.	Pre-arcing I ² t(A ² S)	Total I ² t(A ² S)	Power loss(W)
EVX-A	5	EVX-5A	2	15	1.5	EVX-S	5	EVX-5S	2	15	2
	10	EVX-10A	5	20	2		10	EVX-10S	5	20	2.5
	15	EVX-15A	15	55	2		15	EVX-15S	15	55	2.5
	20	EVX-20A	30	150	3		20	EVX-20S	30	150	3.5
	25	EVX-25A	35	240	3.5		25	EVX-25S	35	240	4
	30	EVX-30A	65	350	3.7		30	EVX-30S	65	350	4.2
	35	EVX-35A	75	550	4.1		35	EVX-35S	75	550	4.6
	40	EVX-40A	85	700	4.7		40	EVX-40S	85	700	5.2
	50	EVX-50A	150	1000	5.3		50	EVX-50S	150	1000	5.8
	60	EVX-60A	280	2100	6		60	EVX-60S	280	2100	6.5
	70	EVX-70A	500	4000	6.8		70	EVX-70S	500	4000	7.3
	80	EVX-80A	700	6500	7.5		80	EVX-80S	700	6500	8
	90	EVX-90A	900	8500	7.7		90	EVX-90S	900	8500	8.2
	100	EVX-100A	1300	12000	8.9		100	EVX-100S	1300	12000	9.4
	125	EVX-125A	1950	20000	10		125	EVX-125S	1950	20000	10.5
	150	EVX-150A	2900	27000	11.8		150	EVX-150S	2900	27000	12.3
	175	EVX-175A	3600	34500	15		175	EVX-175S	3600	34500	15.5
	200	EVX-200A	4700	43000	18		200	EVX-200S	4700	43000	18.5
	225	EVX-225A	6500	59000	20		225	EVX-225S	6500	59000	20.5
	250	EVX-250A	7600	70000	21.3		250	EVX-250S	7600	70000	21.8
275	EVX-275A	8650	75000	23	275	EVX-275S	8650	75000	23.5		
300	EVX-300A	11000	105000	25	300	EVX-300S	11000	105000	25.5		
325	EVX-325A	13500	123000	29	325	EVX-325S	13500	123000	29.5		
350	EVX-350A	16200	155000	32	350	EVX-350S	16200	155000	32.5		
400	EVX-400A	21000	170000	33	400	EVX-400S	21000	170000	33.5		
						450	EVX-450S	23000	245000	37	
						500	EVX-500S	26000	245000	37	

Dimensions



EVX-A/S Unit : mm

Mechanical Outline

Part No	A	B	C	D	E	F	G
EVX-A	81	61	37	8.5	18	3.2	∅25
EVX-S	68	48	26	8.5	18	3.2	∅25