

FEATURES

- High self-extinguishing capability
- High follow current limitation capability
- Stable performance over life
- Status indicator contacts
- Thermal disconnecter
- High insulation resistance
- RoHS-compatible

APPLICATIONS

- AC power line L-N, N-PE, L-PE
- Class I and Class II – surge protection

Electrical specifications

		EZ11B-2000-3k			
		L-N	N-PE	L-PE	Unit
DC spark-over voltage ¹⁾		> 600			V
Front of wave spark-over voltage - at 1.2/50 μ s, 6 kV		< 2000			V
Breakdown time		< 100			ns
- typical values		< 40			ns
Insulation resistance at 100 V _{DC}		> 1			G Ω
Class I according to IEC 61643-11					
Nominal operating voltage	U _N	277			V _{AC}
Max. continuous operating voltage	U _c	320			V _{AC}
Follow current extinguishing capability ²⁾	I _f	1kA@277Vac 800A@320Vac			
Nominal discharge current 8/20 μ s	I _n	40			kA
Impulse current 10/350 μ s	I _{imp}	4			kA
Class II according to IEC 61643-11					
Nominal operating voltage	U _N	277			V _{AC}
Max. continuous operating voltage	U _c	320			V _{AC}
Follow current extinguishing capability ²⁾	I _f	1kA@277Vac 800A@320Vac			
Nominal discharge current 8/20 μ s	I _n	40			kA
Maximum discharge current 8/20 μ s	I _{max}	40			kA
Connection cable cross section		> 4			mm ²
Operation and storage					
- temperature		-40 ... +105			°C
- humidity		5 ... 95			%
Climatic category (IEC 60068-1)		40/105/21			

1) At delivery AQL 0.65 level II, DIN ISO 2859

2) Cut-off selectivity for 80A curve B or C circuit breaker or 125A gG/gL circuit fuse is given.

*Values in this document are preliminary and may be subject to change.

