

# RAPIDPLUS

## HIGH SPEED FUSE-LINKS FOR SEMICONDUCTORS



### aR SEMICONDUCTOR FUSES

**RAPIDPLUS aR** fuse links are intended to clearing short-circuits and have been designed and manufactured to have very low  $I^2t$  values as well as reduced arc voltages that guarantee an optimum protection of semiconductors. They have a very good cycling ability. **RAPIDPLUS aR** range comprise three sizes with dimensions 10x38, 14x51 and 22x58, with rated currents between 1A and 100A and a rated voltage of 690 V AC. Sizes 14x51 and 22x58 are available also with striker, for use in fuse bases with microswitch. Made of ceramic tubes with high withstand to internal pressure and thermal shock, and silver plated copper contacts. Typical application comprise protection of semiconductors (diodes, thyristors, triacs, etc) used in power rectifiers, UPS, converters, motor drives (AC and DC), soft starters, solid state relays, photovoltaic inverters, welding inverters and any application where it is necessary to protect semiconductor devices. UL certification according to UL248 standard. UL file Nr. E477155.

$I_h$ (A)	REFERENCE		U (V AC)	BREAKING CAPACITY (kA)	PACKING
	WITHOUT STRIKER	WITH STRIKER			
10x38					
1	491105	—	690	200	10
2	491107	—	690	200	10
3	491110	—	690	200	10
4	491113	—	690	200	10
6	491115	—	690	200	10
8	491120	—	690	200	10
10	491125	—	690	200	10
12	491130	—	690	200	10
16	491135	—	690	200	10
20	491140	—	690	200	10
25	491145	—	690	200	10
32	491155	—	690	200	10

700 VDC - BREAKING CAPACITY 30 KA



491125

14x51	4	491215	—	690	200	10
	6	491225	—	690	200	10
	8	491230	491730	690	200	10
	10	491235	491735	690	200	10
	12	491237	491737	690	200	10
	16	491241	491741	690	200	10
	20	491245	491745	690	200	10
	25	491250	491750	690	200	10
	32	491260	491760	690	200	10
	40	491265	491765	690	200	10
	50	491270	491770	690	200	10



491215

22x58	20	491300	491800	690	200	10
	25	491305	491805	690	200	10
	32	491310	491810	690	200	10
	40	491315	491815	690	200	10
	50	491320	491820	690	200	10
	63	491325	491825	690	200	10
	80	491330	491830	690	200	10
	100	491335	491835	690	200	10

700 VDC - BREAKING CAPACITY 30 KA



491335

STANDARDS  
IEC 60269-1  
IEC 60269-4  
EN 60269-1  
EN 60269-4  
UL248-1  
UL248-13

APPROVALS

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COMPATIBLE  
PMF MODULAR  
FUSE HOLDERS  
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fuse-holders/pmf/

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PMX MODULAR  
FUSE HOLDERS  
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COMPATIBLE  
BAC OPEN FUSE BASES  
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