

# FCHFE series 690 Volts aR Cylindrical Fuse links



## Product description

FCHFE series 690 Volts Cylindrical Fuse Link bodied industrial fuse links are suitable for a wide variety of applications.

## Standard features

- Reliable physics indicator system
- Low I<sup>2</sup>t values
- Protect Power Semiconductor Devices

## 690 Volts aR Cylindrical Fuse links

### Fuse size:

- 10x38,14x51,22x58

### Technical data:

- Volts: 690 V a.c.
- Amps: 1 to 100 A
- Breaking capacity: 50 kA
- Operating frequency: 50 Hz
- Class of operation: aR

### Standards/Approvals:

- IEC 60269-4
- CE

### Packaging:

- 10x38 14x51 22x58: 10 per inner box

### Fuse holders (ordered separately)

- Fuse Holder:
  - DIN-rail mounting

Size - mm

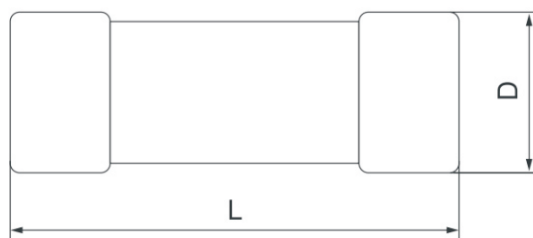
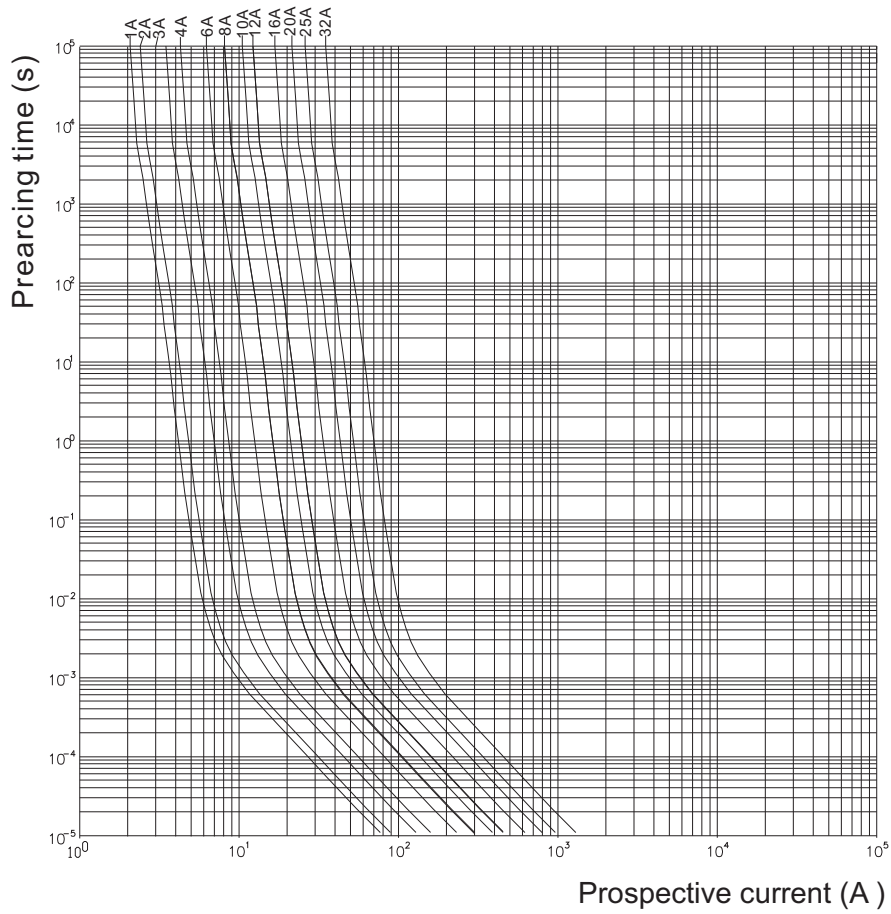


Table 1. Cylindrical Fuse Size

Size	D	L
10x38	10	38
14x51	14	51
22x58	22	58

## 690 Volts aR Cylindrical Fuse links

Time-current curves - 10x38

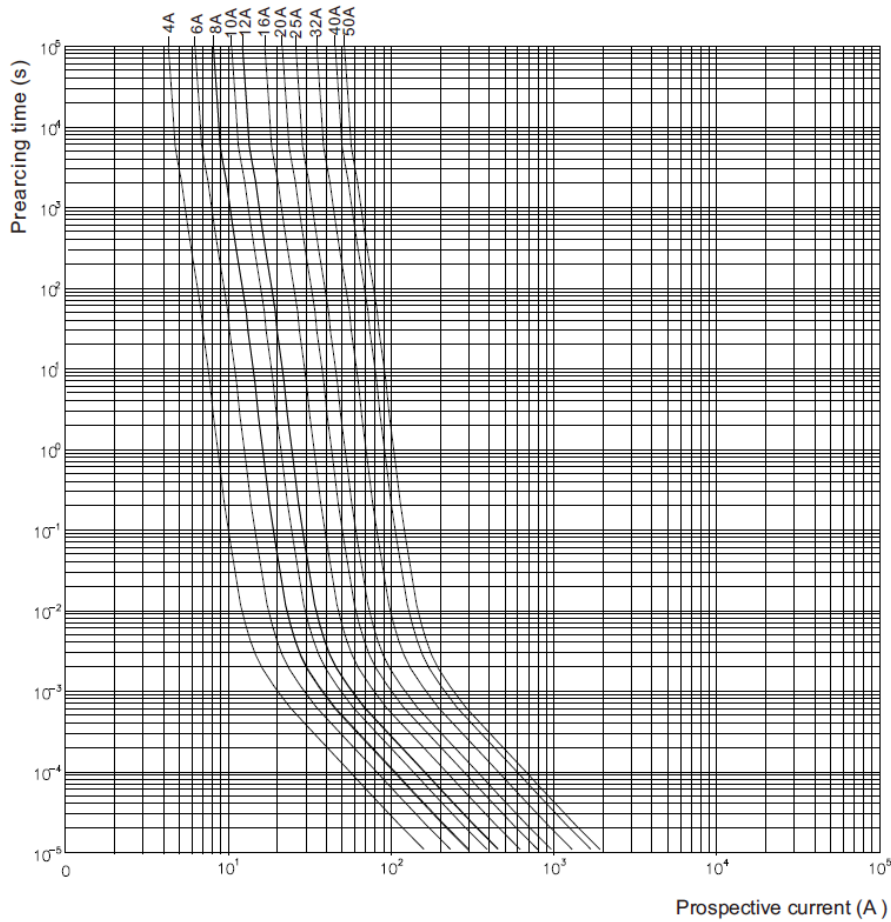


Technical data - Cylindrical Fuse size 10x38

Fuse link size	Rated current (Amps)	Rated voltage (V a.c.)	$I^2t$ (Amps <sup>2</sup> Seconds)	Watts loss (W)	Net weight per fuse (kg)
10x38	1	690	1.5	$\leq 7$	0.008
10x38	2	690	2.8	$\leq 7$	0.008
10x38	3	690	8.5	$\leq 7$	0.008
10x38	4	690	12	$\leq 7$	0.008
10x38	6	690	30	$\leq 7$	0.008
10x38	8	690	32	$\leq 7$	0.008
10x38	10	690	36	$\leq 7$	0.008
10x38	12	690	58	$\leq 7$	0.008
10x38	16	690	100	$\leq 7$	0.008
10x38	20	690	187	$\leq 7$	0.008
10x38	25	690	400	$\leq 7$	0.008
10x38	32	690	650	$\leq 7$	0.008

# 690 Volts aR Cylindrical Fuse links

Time-current curves - 14x51

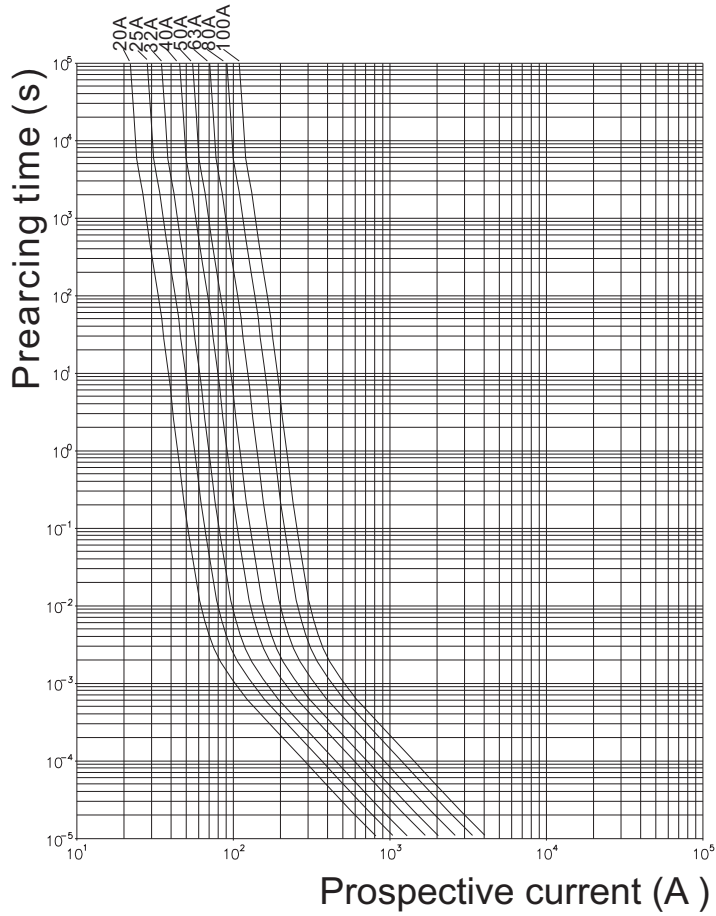


Technical data - Cylindrical Fuse size 14x51

Fuse link size	Rated current (Amps)	Rated voltage (V a.c.)	$I^2 t$ (Amps <sup>2</sup> Seconds)	Watts loss (W)	Net weight per fuse (kg)
14x51	4	690	16	≤20	0.02
14x51	6	690	38	≤20	0.02
14x51	8	690	40	≤20	0.02
14x51	10	690	47	≤20	0.02
14x51	12	690	58	≤20	0.02
14x51	16	690	78	≤20	0.02
14x51	20	690	126	≤20	0.02
14x51	25	690	224	≤20	0.02
14x51	32	690	483	≤20	0.02
14x51	40	690	865	≤20	0.02
14x51	50	690	1650	≤20	0.02

## 690 Volts aR Cylindrical Fuse links

Time-current curves - 22x58



Technical data - Cylindrical Fuse size 22x58

Fuse link size	Rated current (Amps)	Rated voltage (V a.c.)	$I^2 t$ (Amps <sup>2</sup> Seconds)	Watts loss (W)	Net weight per fuse (kg)
22x58	20	690	110	≤40	0.05
22x58	25	690	195	≤40	0.05
22x58	32	690	356	≤40	0.05
22x58	40	690	523	≤40	0.05
22x58	50	690	884	≤40	0.05
22x58	63	690	2147	≤40	0.05
22x58	80	690	3566	≤40	0.05
22x58	100	690	8450	≤40	0.05