

Protistor® size 22x58 aR (URD)

600VAC to 690VAC (IEC) / 700VAC (UL)

IEC High-Speed Cylindrical Fuse-Links AC Protection

These Protistor® size 22x58 have been designed to protect power semi conductors, complying with standard IEC 60269-1 and -4. They are extremely high interrupting rating fuses: 600-690VAC, with large band of ratings (current rating 25 to 135A).

Two models are existing, as per NF C 63210 and 63211: with or without trip-indicator.

Features Benefits

- Low I²t for improved semiconductor protection
- Eliminate all overloads
- Extremely fast acting
- Current limiting
- Excellent cycling capability
- UL recognized
- aR-class according to VDE 636-23 and IEC 60269-4

Applications

- The URD 22x58 are fast acting fuses used in the protection of small inverters, UPS systems, variable speed drives and other similar 700V or less equipments.

Technical data overview

Voltage Range AC	600 ... 690 VAC
Ampere Range (A)	25 ... 130 A
Size per Standard	22x58
Speed/Characteristic	aR
I.R. AC (kA)	100 kA



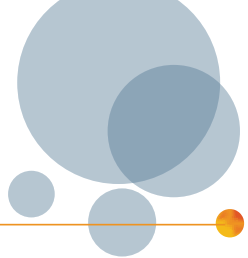
Standards

VDE 636-23
IEC 60269-4
IEC 60269-1
UL recognized



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Product range

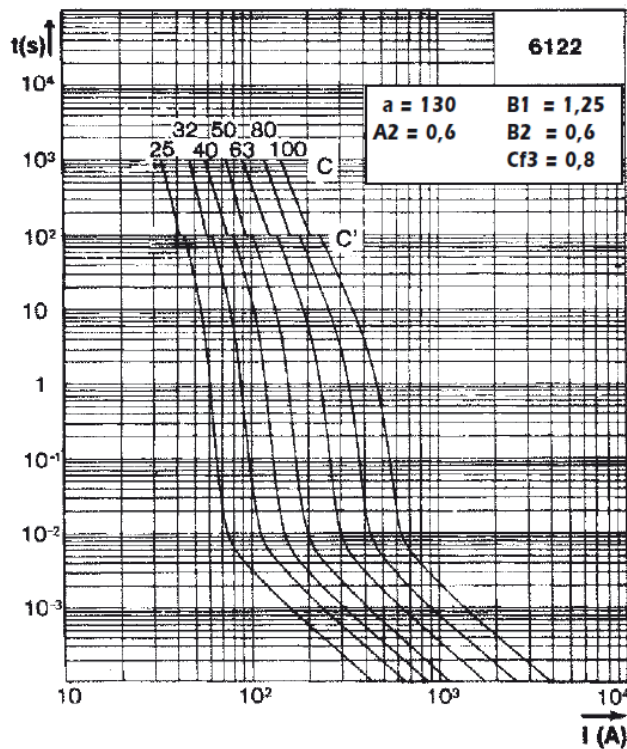
Size 22x58 aR with trip-indicator

Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I _n	Weight	Package
FR22UD69V25T	H093801	690 V	25 A	22 A ² s	125 A ² s	100 kA	10 W	57 g	10
FR22UD69V32T	C093957	690 V	32 A	49 A ² s	275 A ² s	100 kA	11 W	57 g	10
FR22UD69V40T	J093802	690 V	40 A	88 A ² s	480 A ² s	100 kA	13 W	57 g	10
FR22UD69V50T	D093958	690 V	50 A	155 A ² s	800 A ² s	100 kA	14.9 W	57 g	10
FR22UD69V63T	K093803	690 V	63 A	350 A ² s	1850 A ² s	100 kA	16 W	57 g	10
FR22UD69V80T	E093959	690 V	80 A	730 A ² s	3800 A ² s	100 kA	17.8 W	57 g	10
FR22UD69V100T	F093960	690 V	100 A	1560 A ² s	8000 A ² s	100 kA	19 W	57 g	10
FR22UD60V125T	A220708	600 V	125 A	2900 A ² s	14000 A ² s	100 kA	22 W	57 g	10
FR22UD60V135T	B220709	600 V	135 A	3360 A ² s	17700 A ² s	100 kA	25 W	57 g	10

Size 22x58 aR without indicator

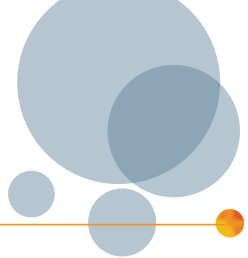
Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I _n	Weight	Package
FR22UD69V25	B093956	690 V	25 A	22 A ² s	125 A ² s	100 kA	10 W	57 g	10
FR22UD69V32	Z094828	690 V	32 A	49 A ² s	275 A ² s	100 kA	11 W	57 g	10
FR22UD69V40	S094822	690 V	40 A	88 A ² s	480 A ² s	100 kA	13 W	57 g	10
FR22UD69V50	W094779	690 V	50 A	155 A ² s	800 A ² s	100 kA	14.9 W	57 g	10
FR22UD69V63	T094823	690 V	63 A	350 A ² s	1850 A ² s	100 kA	16 W	57 g	10
FR22UD69V80	A094829	690 V	80 A	730 A ² s	3800 A ² s	100 kA	17.8 W	57 g	10
FR22UD69V100	Y094827	690 V	100 A	1560 A ² s	8000 A ² s	100 kA	19 W	57 g	10

Time current characteristic curves

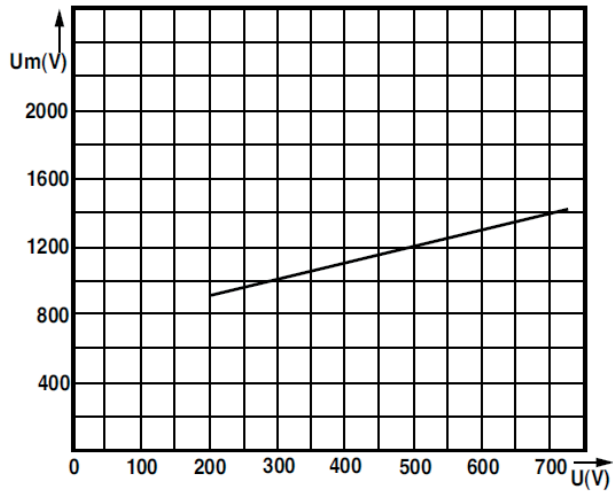


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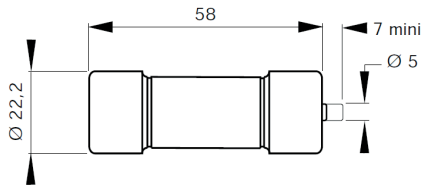


Peak arc voltage

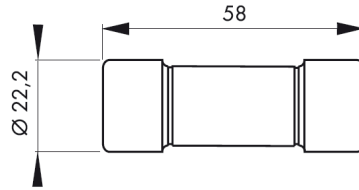


Dimensions

Size 22x58 with trip-indicator



Size 22x58 without trip-indicator



Dimensions in mm