

Protistor® size 22x58 aR (URD)

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

SEMICONDUCTOR PROTECTION FUSES

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.

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 (IEC)	100 kA

FEATURES & BENEFITS

- Low I^2t 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.

STANDARDS

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



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PRODUCT RANGE

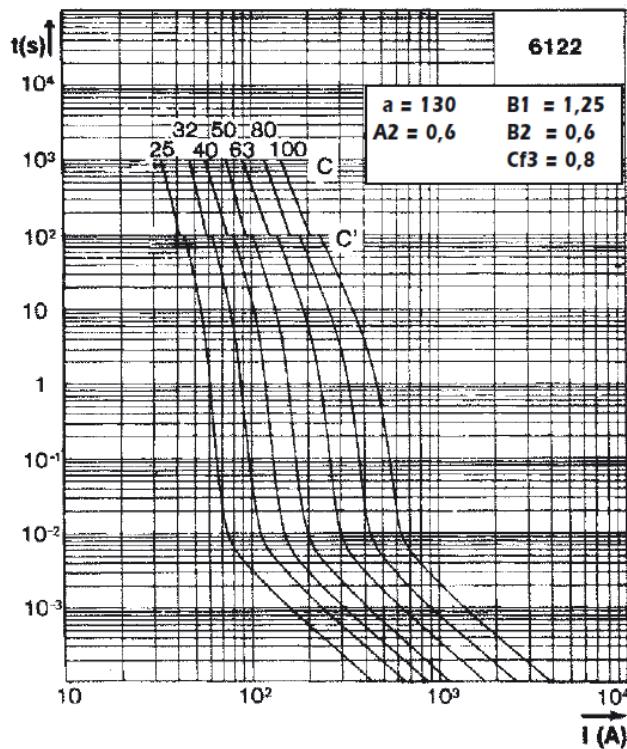
Size 22x58 aR with trip-indicator

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

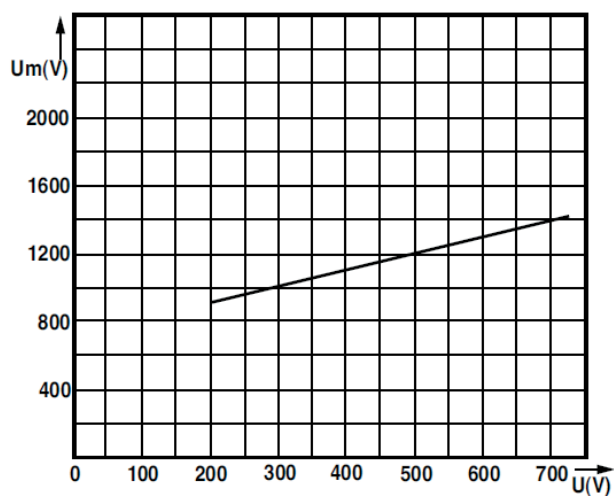


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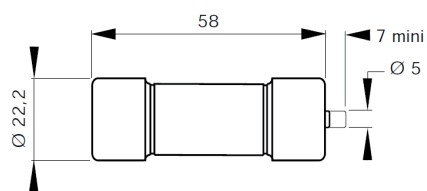
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PEAK ARC VOLTAGE

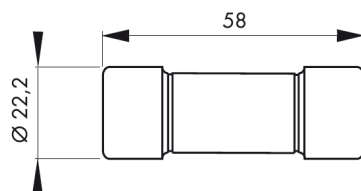


DIMENSIONS

Size 22x58 with trip-indicator



Size 22x58 without trip-indicator



Dimensions in mm