

# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

690VAC (IEC) / 700VAC (UL)

## SEMICONDUCTOR PROTECTION FUSES

### NH SQUARE BODY HIGH-SPEED FUSE-LINKS AC PROTECTION



The 690/700V Protistor® fuse-links provide maximum flexibility in equipment design and ultimate protection for today's power conversion equipment. These NH style fuse-links are defined as per DIN 43620/00 for a worldwide acceptance into NH modular system fuse-holders, fuse switch disconnectors for direct installation.

The Protistor® have been engineered to provide state-of-the-art protection for semiconductors: diodes, thyristors, GTO's and IGBT devices. Fuses are assembled with pure silver, die-cut elements embedded in solidified sand, which helps control arcing characteristics for a lower  $I^2t$  and high interrupting rating level. All contact surfaces are silver plated and all hardware is non-magnetic.

Each fuse-link can be equipped with a low voltage trip-indicator which can operate a field mountable microswitch.

## TECHNICAL DATA OVERVIEW

Voltage AC	690 VAC
Ampere Range (A)	16 ... 1000 A
Size per Standard	NH 000, 00, 0, 1, 2, 3
Speed/Characteristic	aR

## FEATURES & BENEFITS

- Multiple body sizes
- aR Class according to VDE 636-23 and IEC 60269-4
- Very low  $I^2t$  for improved semiconductor protection
- Ultra fast acting
- Current limiting
- Superior cycling capability
- Indication system with double indicator

## APPLICATIONS

- Protection of inverters, UPS systems, motor drives and similar 700V or less equipment.

## STANDARDS

- UL/CSA Recognized Component
- IEC 60269-4 Compliance



# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

690VAC (IEC) / 700VAC (UL)

## PRODUCT RANGE



NH000UD69V200PV

### Size 000 aR 690VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage AC (UL)	Rated current I <sub>n</sub>	Pre-arcing I <sup>2</sup> t	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I <sub>n</sub>	Weight	Package
NH000UD69V16PV	P320035	690 V	700 V	16 A	8 A <sup>2</sup> s	0.05 kA <sup>2</sup> s	80 kA	2.8 W	0.13 kg	3
NH000UD69V20PV	R320037	690 V	700 V	20 A	15 A <sup>2</sup> s	0.09 kA <sup>2</sup> s	80 kA	2.8 W	0.13 kg	3
NH000UD69V25PV	T320039	690 V	700 V	25 A	21 A <sup>2</sup> s	0.13 kA <sup>2</sup> s	80 kA	4.2 W	0.13 kg	3
NH000UD69V32PV	Y320043	690 V	700 V	32 A	46 A <sup>2</sup> s	0.27 kA <sup>2</sup> s	80 kA	5.5 W	0.13 kg	3
NH000UD69V40PV	C320047	690 V	700 V	40 A	67 A <sup>2</sup> s	0.4 kA <sup>2</sup> s	80 kA	5.5 W	0.13 kg	3
NH000UD69V50PV	G320051	690 V	700 V	50 A	110 A <sup>2</sup> s	0.63 kA <sup>2</sup> s	80 kA	9.7 W	0.13 kg	3
NH000UD69V63PV	L320055	690 V	700 V	63 A	216 A <sup>2</sup> s	1.3 kA <sup>2</sup> s	80 kA	12.5 W	0.13 kg	3
NH000UD69V80PV	Q320059	690 V	700 V	80 A	348 A <sup>2</sup> s	2 kA <sup>2</sup> s	80 kA	16.7 W	0.13 kg	3
NH000UD69V100PV	V320063	690 V	700 V	100 A	722 A <sup>2</sup> s	4.3 kA <sup>2</sup> s	80 kA	19.4 W	0.13 kg	3
NH000UD69V125PV	X320065	690 V	700 V	125 A	1390 A <sup>2</sup> s	8.2 kA <sup>2</sup> s	80 kA	20.8 W	0.13 kg	3
NH000UD69V160PV	B320069	690 V	700 V	160 A	2080 A <sup>2</sup> s	12.2 kA <sup>2</sup> s	80 kA	30.5 W	0.13 kg	3
NH000UD69V200PV	D320071	690 V	700 V	200 A	3870 A <sup>2</sup> s	22.7 kA <sup>2</sup> s	80 kA	36.1 W	0.13 kg	3
NH000UD69V250PV	H320075	690 V	700 V	250 A	7540 A <sup>2</sup> s	44.4 kA <sup>2</sup> s	80 kA	44.1 W	0.13 kg	3
NH000UD50V315PV	M320079	500 V	550 V	315 A	15400 A <sup>2</sup> s	90.7 kA <sup>2</sup> s	80 kA	60.2 W	0.13 kg	3



NH00UD69V125PV

### Size 00 aR 690VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage AC (UL)	Rated current I <sub>n</sub>	Pre-arcing I <sup>2</sup> t	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I <sub>n</sub>	Weight	Package
NH00UD69V20PV	A320137	690 V	700 V	20 A	16 A <sup>2</sup> s	0.09 kA <sup>2</sup> s	170 kA	2.8 W	0.2 kg	3
NH00UD69V25PV	C320139	690 V	700 V	25 A	21 A <sup>2</sup> s	0.13 kA <sup>2</sup> s	170 kA	4.2 W	0.2 kg	3
NH00UD69V32PV	G320143	690 V	700 V	32 A	46 A <sup>2</sup> s	0.27 kA <sup>2</sup> s	170 kA	5.5 W	0.2 kg	3
NH00UD69V40PV	L320147	690 V	700 V	40 A	67 A <sup>2</sup> s	0.4 kA <sup>2</sup> s	170 kA	8.3 W	0.2 kg	3
NH00UD69V50PV	Q320151	690 V	700 V	50 A	110 A <sup>2</sup> s	0.63 kA <sup>2</sup> s	170 kA	9.7 W	0.2 kg	3
NH00UD69V63PV	V320155	690 V	700 V	63 A	216 A <sup>2</sup> s	1.3 kA <sup>2</sup> s	170 kA	12.5 W	0.2 kg	3
NH00UD69V80PV	Z320159	690 V	700 V	80 A	348 A <sup>2</sup> s	2 kA <sup>2</sup> s	170 kA	16.7 W	0.2 kg	3
NH00UD69V100PV	D320163	690 V	700 V	100 A	722 A <sup>2</sup> s	4.3 kA <sup>2</sup> s	170 kA	19.4 W	0.2 kg	3
NH00UD69V125PV	F320165	690 V	700 V	125 A	1390 A <sup>2</sup> s	8.2 kA <sup>2</sup> s	170 kA	20.8 W	0.2 kg	3
NH00UD69V160PV	K320169	690 V	700 V	160 A	2070 A <sup>2</sup> s	12.2 kA <sup>2</sup> s	170 kA	30.5 W	0.2 kg	3
NH00UD69V200PV	M320171	690 V	700 V	200 A	3870 A <sup>2</sup> s	22.7 kA <sup>2</sup> s	170 kA	36.1 W	0.2 kg	3
NH00UD69V250PV	R320175	690 V	700 V	250 A	7540 A <sup>2</sup> s	44.4 kA <sup>2</sup> s	170 kA	44.4 W	0.2 kg	3
NH00UD69V315PV	W320179	690 V	700 V	315 A	15400 A <sup>2</sup> s	90.7 kA <sup>2</sup> s	170 kA	60 W	0.2 kg	3

# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

690VAC (IEC) / 700VAC (UL)

## PRODUCT RANGE



NH0UD69V315PV

### Size 0 aR 690VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage AC (UL)	Rated current I <sub>n</sub>	Pre-arcing I <sup>2</sup> t	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I <sub>n</sub>	Weight	Package
NH0UD69V32PV	Q320243	690 V	700 V	32 A	32 A <sup>2</sup> s	0.17 kA <sup>2</sup> s	170 kA	19.4 W	0.27 kg	3
NH0UD69V40PV	V320247	690 V	700 V	40 A	54 A <sup>2</sup> s	0.28 kA <sup>2</sup> s	170 kA	20.8 W	0.27 kg	3
NH0UD69V50PV	Z320251	690 V	700 V	50 A	87 A <sup>2</sup> s	0.47 kA <sup>2</sup> s	170 kA	20.8 W	0.27 kg	3
NH0UD69V63PV	D320255	690 V	700 V	63 A	128 A <sup>2</sup> s	0.7 kA <sup>2</sup> s	170 kA	23.6 W	0.27 kg	3
NH0UD69V80PV	H320259	690 V	700 V	80 A	184 A <sup>2</sup> s	0.97 kA <sup>2</sup> s	170 kA	25 W	0.27 kg	3
NH0UD69V100PV	M320263	690 V	700 V	100 A	392 A <sup>2</sup> s	2.08 kA <sup>2</sup> s	170 kA	30.5 W	0.27 kg	3
NH0UD69V125PV	P320265	690 V	700 V	125 A	722 A <sup>2</sup> s	3.89 kA <sup>2</sup> s	170 kA	36.1 W	0.27 kg	3
NH0UD69V160PV	T320269	690 V	700 V	160 A	1550 A <sup>2</sup> s	8.32 kA <sup>2</sup> s	170 kA	44.4 W	0.27 kg	3
NH0UD69V200PV	W320271	690 V	700 V	200 A	2950 A <sup>2</sup> s	15.9 kA <sup>2</sup> s	170 kA	54.2 W	0.27 kg	3
NH0UD69V250PV	A320275	690 V	700 V	250 A	5580 A <sup>2</sup> s	29.9 kA <sup>2</sup> s	170 kA	66.7 W	0.27 kg	3
NH0UD69V315PV	E320279	690 V	700 V	315 A	11600 A <sup>2</sup> s	62.3 kA <sup>2</sup> s	170 kA	80 W	0.27 kg	3



NH1UD69V315PV

### Size 1 aR 690VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage AC (UL)	Rated current I <sub>n</sub>	Pre-arcing I <sup>2</sup> t	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I <sub>n</sub>	Weight	Package
NH1UD69V63PV	M320355	690 V	700 V	63 A	128 A <sup>2</sup> s	0.7 kA <sup>2</sup> s	170 kA	36.1 W	0.42 kg	3
NH1UD69V80PV	K320399	690 V	700 V	80 A	216 A <sup>2</sup> s	1.17 kA <sup>2</sup> s	170 kA	43 W	0.42 kg	3
NH1UD69V100PV	W320363	690 V	700 V	100 A	288 A <sup>2</sup> s	1.57 kA <sup>2</sup> s	170 kA	45.8 W	0.42 kg	3
NH1UD69V125PV	Y320365	690 V	700 V	125 A	620 A <sup>2</sup> s	3.32 kA <sup>2</sup> s	170 kA	53 W	0.42 kg	3
NH1UD69V160PV	C320369	690 V	700 V	160 A	1170 A <sup>2</sup> s	6.27 kA <sup>2</sup> s	170 kA	58 W	0.42 kg	3
NH1UD69V200PV	E320371	690 V	700 V	200 A	2480 A <sup>2</sup> s	13.3 kA <sup>2</sup> s	170 kA	66.7 W	0.42 kg	3
NH1UD69V250PV	J320375	690 V	700 V	250 A	4690 A <sup>2</sup> s	25.1 kA <sup>2</sup> s	170 kA	75 W	0.42 kg	3
NH1UD69V315PV	N320379	690 V	700 V	315 A	9580 A <sup>2</sup> s	51.4 kA <sup>2</sup> s	170 kA	83 W	0.42 kg	3
NH1UD69V350PV	P320380	690 V	700 V	350 A	13500 A <sup>2</sup> s	72.3 kA <sup>2</sup> s	170 kA	89 W	0.42 kg	3
NH1UD69V400PV	S320383	690 V	700 V	400 A	19500 A <sup>2</sup> s	105 kA <sup>2</sup> s	170 kA	97 W	0.42 kg	3

# Protistor® size NH 000, 00, 0, 1, 2, 3 aR

690VAC (IEC) / 700VAC (UL)

## PRODUCT RANGE



NH2UD69V500PV

### Size 2

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage AC (UL)	Rated current I <sub>n</sub>	Pre-arcing I <sup>2</sup> t	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I <sub>n</sub>	Weight	Package
NH2UD69V160PV	L320469	690 V	700 V	160 A	968 A <sup>2</sup> s	5.18 kA <sup>2</sup> s	170 kA	75 W	0.62 kg	3
NH2UD69V200PV	N320471	690 V	700 V	200 A	1710 A <sup>2</sup> s	9.22 kA <sup>2</sup> s	170 kA	83 W	0.62 kg	3
NH2UD69V250PV	S320475	690 V	700 V	250 A	3500 A <sup>2</sup> s	18.7 kA <sup>2</sup> s	170 kA	93 W	0.62 kg	3
NH2UD69V315PV	X320479	690 V	700 V	315 A	6870 A <sup>2</sup> s	36.9 kA <sup>2</sup> s	170 kA	108 W	0.62 kg	3
NH2UD69V350PV	Y320480	690 V	700 V	350 A	9580 A <sup>2</sup> s	51.4 kA <sup>2</sup> s	170 kA	116 W	0.62 kg	3
NH2UD69V400PV	B320483	690 V	700 V	400 A	13500 A <sup>2</sup> s	72.3 kA <sup>2</sup> s	170 kA	125 W	0.62 kg	3
NH2UD69V450PV	D320485	690 V	700 V	450 A	21000 A <sup>2</sup> s	113 kA <sup>2</sup> s	170 kA	139 W	0.62 kg	3
NH2UD69V500PV	F320487	690 V	700 V	500 A	27500 A <sup>2</sup> s	147 kA <sup>2</sup> s	170 kA	147 W	0.62 kg	3
NH2UD69V550PV	G320488	690 V	700 V	550 A	38400 A <sup>2</sup> s	206 kA <sup>2</sup> s	170 kA	155 W	0.62 kg	3
NH2UD69V630PV	H320489	690 V	700 V	630 A	58600 A <sup>2</sup> s	315 kA <sup>2</sup> s	170 kA	169 W	0.62 kg	3
NH2UD69V700PV	J320490	690 V	700 V	700 A	78100 A <sup>2</sup> s	420 kA <sup>2</sup> s	170 kA	175 W	0.62 kg	3



NH3UD69V700PV

### Size 3 aR 690VAC

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage AC (UL)	Rated current I <sub>n</sub>	Pre-arcing I <sup>2</sup> t	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I <sub>n</sub>	Weight	Package
NH3UD69V315PV	F320579	690 V	700 V	315 A	5240 A <sup>2</sup> s	28.2 kA <sup>2</sup> s	170 kA	113 W	1.05 kg	1
NH3UD69V350PV	G320580	690 V	700 V	350 A	7540 A <sup>2</sup> s	40.6 kA <sup>2</sup> s	170 kA	117 W	1.05 kg	1
NH3UD69V400PV	K320583	690 V	700 V	400 A	10500 A <sup>2</sup> s	56.5 kA <sup>2</sup> s	170 kA	130 W	1.05 kg	1
NH3UD69V450PV	M320585	690 V	700 V	450 A	15700 A <sup>2</sup> s	84.3 kA <sup>2</sup> s	170 kA	139 W	1.05 kg	1
NH3UD69V500PV	P320587	690 V	700 V	500 A	22200 A <sup>2</sup> s	119 kA <sup>2</sup> s	170 kA	150 W	1.05 kg	1
NH3UD69V550PV	Q320588	690 V	700 V	550 A	30300 A <sup>2</sup> s	163 kA <sup>2</sup> s	170 kA	160 W	1.05 kg	1
NH3UD69V630PV	R320589	690 V	700 V	630 A	42100 A <sup>2</sup> s	226 kA <sup>2</sup> s	170 kA	175 W	1.05 kg	1
NH3UD69V700PV	S320590	690 V	700 V	700 A	61700 A <sup>2</sup> s	332 kA <sup>2</sup> s	170 kA	200 W	1.05 kg	1
NH3UD69V800PV	T320591	690 V	700 V	800 A	88900 A <sup>2</sup> s	478 kA <sup>2</sup> s	170 kA	220 W	1.05 kg	1
NH3UD69V900PV	V320592	690 V	700 V	900 A	124000 A <sup>2</sup> s	666 kA <sup>2</sup> s	170 kA	250 W	1.05 kg	1
NH3UD69V1000PV	W320593	690 V	700 V	1000 A	178000 A <sup>2</sup> s	959 kA <sup>2</sup> s	170 kA	280 W	1.05 kg	1

# Protistor® size 000/00 aR

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

## PRODUCT RANGE



DN000UB69V315

### Size 000 DIN80, vertical body, without indicator

Catalog number	Item number	Rated voltage AC (IEC)	Rated current I <sub>n</sub>	Pre-arcing I <sup>2</sup> t	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I <sub>n</sub>	Package
DN000UB69V80	K330036	690 V	80 A	390 A <sup>2</sup> s	2500 A <sup>2</sup> s	200 kA	21 W	6
DN000UB69V100	L330037	690 V	100 A	690 A <sup>2</sup> s	4200 A <sup>2</sup> s	200 kA	23 W	6
DN000UB69V125	M330038	690 V	125 A	1310 A <sup>2</sup> s	8900 A <sup>2</sup> s	200 kA	26 W	6
DN000UB69V160	N330039	690 V	160 A	2680 A <sup>2</sup> s	16000 A <sup>2</sup> s	200 kA	31 W	6
DN000UB69V200	P330040	690 V	200 A	5250 A <sup>2</sup> s	31500 A <sup>2</sup> s	200 kA	36 W	6
DN000UB69V250	Q330041	690 V	250 A	9860 A <sup>2</sup> s	52000 A <sup>2</sup> s	200 kA	45 W	6
DN000UB69V315	R330042	690 V	315 A	15420 A <sup>2</sup> s	82000 A <sup>2</sup> s	200 kA	58 W	6
DN000UB50V350	V330114	500 V	350 A	22400 A <sup>2</sup> s	110000 A <sup>2</sup> s	120 kA	58 W	6
DN000UB50V400	D330191	500 V	400 A	33180 A <sup>2</sup> s	160000 A <sup>2</sup> s	120 kA	66 W	6

### Size 000 DIN80, vertical body, with indicator

Catalog number	Item number	Rated voltage AC (IEC)	Rated current I <sub>n</sub>	Pre-arcing I <sup>2</sup> t	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I <sub>n</sub>	Package
DN000UB69V80V	W330023	690 V	80 A	390 A <sup>2</sup> s	2500 A <sup>2</sup> s	200 kA	21 W	6
DN000UB69V100V	X330024	690 V	100 A	690 A <sup>2</sup> s	4200 A <sup>2</sup> s	200 kA	23 W	6
DN000UB69V125V	Y330025	690 V	125 A	1310 A <sup>2</sup> s	8900 A <sup>2</sup> s	200 kA	26 W	6
DN000UB69V160V	Z330026	690 V	160 A	2680 A <sup>2</sup> s	16000 A <sup>2</sup> s	200 kA	31 W	6
DN000UB69V200V	A330027	690 V	200 A	5250 A <sup>2</sup> s	31500 A <sup>2</sup> s	200 kA	36 W	6
DN000UB69V250V	B330028	690 V	250 A	9860 A <sup>2</sup> s	52000 A <sup>2</sup> s	200 kA	45 W	6
DN000UB69V315V	C330029	690 V	315 A	15420 A <sup>2</sup> s	82000 A <sup>2</sup> s	200 kA	58 W	6
DN000UB50V350V	W330115	500 V	350 A	22400 A <sup>2</sup> s	110000 A <sup>2</sup> s	120 kA	58 W	6
DN000UB50V400V	E330192	500 V	400 A	33180 A <sup>2</sup> s	160000 A <sup>2</sup> s	120 kA	66 W	6

### Size 000 DIN80, vertical body, for monitoring micro-contact

Catalog number	Item number	Rated voltage AC (IEC)	Rated current I <sub>n</sub>	Pre-arcing I <sup>2</sup> t	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I <sub>n</sub>	Package
DN000UB69V80L	T330182	690 V	80 A	390 A <sup>2</sup> s	2500 A <sup>2</sup> s	200 kA	21 W	6
DN000UB69V100L	V330183	690 V	100 A	690 A <sup>2</sup> s	4200 A <sup>2</sup> s	200 kA	23 W	6
DN000UB69V125L	W330184	690 V	125 A	1310 A <sup>2</sup> s	8900 A <sup>2</sup> s	200 kA	26 W	6
DN000UB69V160L	X330185	690 V	160 A	2680 A <sup>2</sup> s	16000 A <sup>2</sup> s	200 kA	31 W	6
DN000UB69V200L	Y330186	690 V	200 A	5250 A <sup>2</sup> s	31500 A <sup>2</sup> s	200 kA	36 W	6
DN000UB69V250L	Z330187	690 V	250 A	9860 A <sup>2</sup> s	52000 A <sup>2</sup> s	200 kA	45 W	6
DN000UB69V315L	A330188	690 V	315 A	15420 A <sup>2</sup> s	82000 A <sup>2</sup> s	200 kA	58 W	6
DN000UB50V350L	B330189	500 V	350 A	22400 A <sup>2</sup> s	110000 A <sup>2</sup> s	120 kA	58 W	6
DN000UB50V400L	F330193	500 V	400 A	33180 A <sup>2</sup> s	160000 A <sup>2</sup> s	120 kA	66 W	6

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# Protistor® size 000/00 aR

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

## PRODUCT RANGE

### Size 000 BS88, horizontal body, without indicator

Catalog number	Item number	Rated voltage AC (IEC)	Rated current I <sub>n</sub>	Pre-arcing I <sup>2</sup> t	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I <sub>n</sub>	Package
BS000UB69V75	B330051	690 V	75 A	340 A <sup>2</sup> s	2250 A <sup>2</sup> s	200 kA	20.5 W	3
BS000UB69V80	C330052	690 V	80 A	390 A <sup>2</sup> s	2500 A <sup>2</sup> s	200 kA	21 W	3
BS000UB69V100	D330053	690 V	100 A	690 A <sup>2</sup> s	4200 A <sup>2</sup> s	200 kA	23 W	3
BS000UB69V110	E330100	690 V	110 A	950 A <sup>2</sup> s	6800 A <sup>2</sup> s	200 kA	24.5 W	3
BS000UB69V125	E330054	690 V	125 A	1310 A <sup>2</sup> s	8900 A <sup>2</sup> s	200 kA	26 W	3
BS000UB69V160	F330055	690 V	160 A	2680 A <sup>2</sup> s	16000 A <sup>2</sup> s	200 kA	31 W	3
BS000UB69V200	G330056	690 V	200 A	5250 A <sup>2</sup> s	31500 A <sup>2</sup> s	200 kA	36 W	3
BS000UB69V250	H330057	690 V	250 A	9860 A <sup>2</sup> s	52000 A <sup>2</sup> s	200 kA	45 W	3
BS000UB69V315	J330058	690 V	315 A	15420 A <sup>2</sup> s	82000 A <sup>2</sup> s	200 kA	58 W	3
BS000UB50V350	X330116	500 V	350 A	22400 A <sup>2</sup> s	110000 A <sup>2</sup> s	120 kA	58 W	3
BS000UB50V400	G330194	500 V	400 A	33180 A <sup>2</sup> s	160000 A <sup>2</sup> s	120 kA	66 W	3

### Size 000 BS88, horizontal body, with indicator

Catalog number	Item number	Rated voltage AC (IEC)	Rated current I <sub>n</sub>	Pre-arcing I <sup>2</sup> t	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I <sub>n</sub>	Package
BS000UB69V75P	H330126	690 V	75 A	340 A <sup>2</sup> s	2250 A <sup>2</sup> s	200 kA	20.5 W	3
BS000UB69V80P	J330127	690 V	80 A	390 A <sup>2</sup> s	2500 A <sup>2</sup> s	200 kA	21 W	3
BS000UB69V100P	K330128	690 V	100 A	690 A <sup>2</sup> s	4200 A <sup>2</sup> s	200 kA	23 W	3
BS000UB69V110P	L330129	690 V	110 A	950 A <sup>2</sup> s	6800 A <sup>2</sup> s	200 kA	24.5 W	3
BS000UB69V125P	M330130	690 V	125 A	1310 A <sup>2</sup> s	8900 A <sup>2</sup> s	200 kA	26 W	3
BS000UB69V160P	P330132	690 V	160 A	2680 A <sup>2</sup> s	16000 A <sup>2</sup> s	200 kA	31 W	3
BS000UB69V200P	Q330133	690 V	200 A	5250 A <sup>2</sup> s	31500 A <sup>2</sup> s	200 kA	36 W	3
BS000UB69V250P	R330134	690 V	250 A	9860 A <sup>2</sup> s	52000 A <sup>2</sup> s	200 kA	45 W	3
BS000UB50V315P	S330135	500 V	315 A	15420 A <sup>2</sup> s	82000 A <sup>2</sup> s	200 kA	58 W	3
BS000UB50V350P	T330136	500 V	350 A	22400 A <sup>2</sup> s	110000 A <sup>2</sup> s	120 kA	58 W	3
BS000UB50V400P	H330195	500 V	400 A	33180 A <sup>2</sup> s	160000 A <sup>2</sup> s	120 kA	66 W	3



DN00UB69V400L

### Size 00 DIN80, vertical body, for monitoring micro-contact

Catalog number	Item number	Rated voltage AC (IEC)	Rated current I <sub>n</sub>	Pre-arcing I <sup>2</sup> t	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I <sub>n</sub>	Package
DN00UB69V16L	V330275	690 V	16 A	7 A <sup>2</sup> s	52 A <sup>2</sup> s	200 kA	7 W	3
DN00UB69V20L	T330274	690 V	20 A	10 A <sup>2</sup> s	75 A <sup>2</sup> s	200 kA	9 W	3
DN00UB69V25L	M330268	690 V	25 A	15 A <sup>2</sup> s	120 A <sup>2</sup> s	200 kA	11 W	3
DN00UB69V32L	N330269	690 V	32 A	32 A <sup>2</sup> s	210 A <sup>2</sup> s	200 kA	15 W	3
DN00UB69V40L	P330270	690 V	40 A	61 A <sup>2</sup> s	400 A <sup>2</sup> s	200 kA	18 W	3
DN00UB69V50L	Q330271	690 V	50 A	102 A <sup>2</sup> s	700 A <sup>2</sup> s	200 kA	21 W	3
DN00UB69V63L	R330272	690 V	63 A	177 A <sup>2</sup> s	1200 A <sup>2</sup> s	200 kA	23 W	3
DN00UB69V80L	D330237	690 V	80 A	390 A <sup>2</sup> s	2200 A <sup>2</sup> s	200 kA	25 W	3
DN00UB69V100L	E330238	690 V	100 A	692 A <sup>2</sup> s	3900 A <sup>2</sup> s	200 kA	28 W	3
DN00UB69V125L	F330239	690 V	125 A	1170 A <sup>2</sup> s	6600 A <sup>2</sup> s	200 kA	33 W	3
DN00UB69V160L	G330240	690 V	160 A	2680 A <sup>2</sup> s	14000 A <sup>2</sup> s	200 kA	36 W	3
DN00UB69V200L	H330241	690 V	200 A	4690 A <sup>2</sup> s	24000 A <sup>2</sup> s	200 kA	42 W	3
DN00UB69V250L	J330242	690 V	250 A	8300 A <sup>2</sup> s	42500 A <sup>2</sup> s	200 kA	50 W	3
DN00UB69V315L	K330243	690 V	315 A	17520 A <sup>2</sup> s	81000 A <sup>2</sup> s	200 kA	58 W	3
DN00UB69V350L	L330244	690 V	350 A	25450 A <sup>2</sup> s	118000 A <sup>2</sup> s	200 kA	60 W	3
DN00UB69V400L	M330245	690 V	400 A	33180 A <sup>2</sup> s	150000 A <sup>2</sup> s	200 kA	70 W	3

# Protistor® size 000/00 aR

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

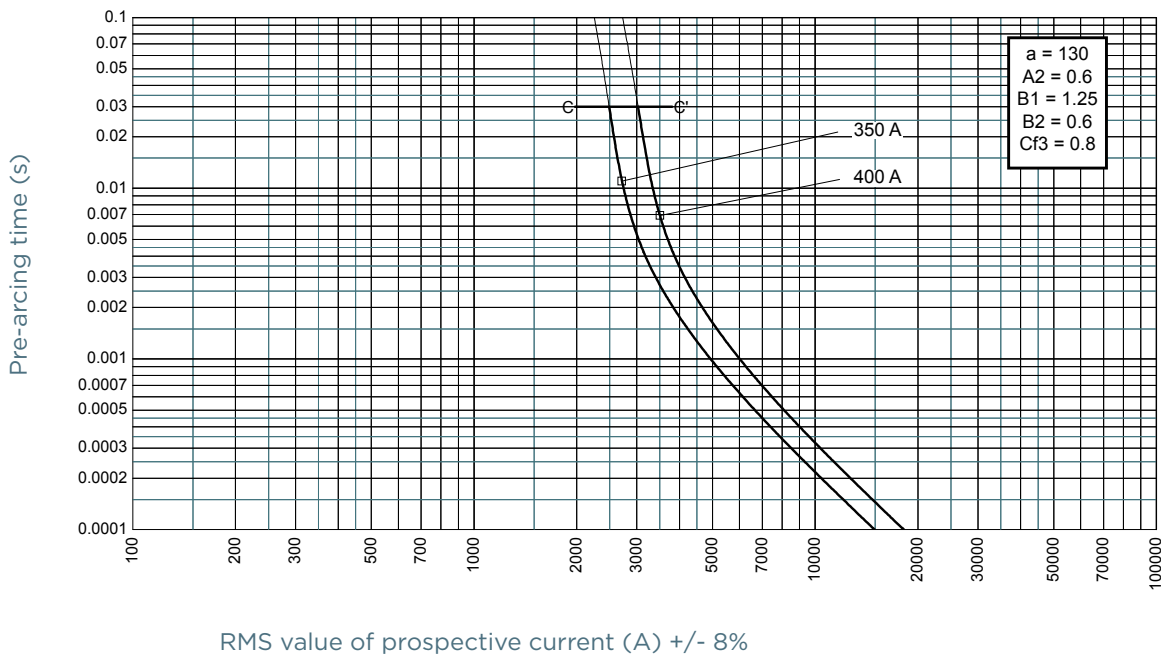
## PRODUCT RANGE

### Size 00 DIN110, vertical body, for monitoring micro-contact

Catalog number	Item number	Rated voltage AC (IEC)	Rated current I <sub>n</sub>	Pre-arcing I <sup>2</sup> t	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity AC	Power dissipation at I <sub>n</sub>	Package
DN00UB69V80D1L	A330257	690 V	80 A	390 A <sup>2</sup> s	2200 A <sup>2</sup> s	200 kA	25 W	3
DN00UB69V350D1L	H330264	690 V	350 A	25450 A <sup>2</sup> s	118000 A <sup>2</sup> s	200 kA	60 W	3
DN00UB69V400D1L	J330265	690 V	400 A	33180 A <sup>2</sup> s	150000 A <sup>2</sup> s	200 kA	70 W	3
DN00UB69V100D1L	B330258	690 V	100 A	692 A <sup>2</sup> s	3900 A <sup>2</sup> s	200 kA	28 W	3
DN00UB69V125D1L	C330259	690 V	125 A	1170 A <sup>2</sup> s	6600 A <sup>2</sup> s	200 kA	33 W	3
DN00UB69V160D1L	D330260	690 V	160 A	2680 A <sup>2</sup> s	14000 A <sup>2</sup> s	200 kA	36 W	3
DN00UB69V200D1L	E330261	690 V	200 A	4690 A <sup>2</sup> s	24000 A <sup>2</sup> s	200 kA	42 W	3
DN00UB69V250D1L	F330262	690 V	250 A	8300 A <sup>2</sup> s	42500 A <sup>2</sup> s	200 kA	50 W	3
DN00UB69V315D1L	G330263	690 V	315 A	17520 A <sup>2</sup> s	81000 A <sup>2</sup> s	200 kA	58 W	3

## TIME CURRENT CHARACTERISTIC CURVES

### Size 000, 500VAC



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