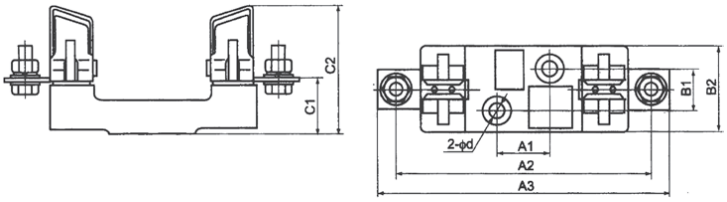
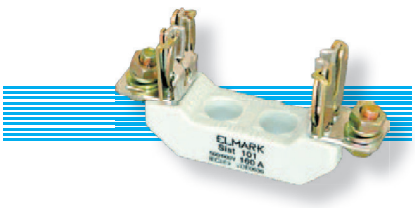
Documents corresponding to the product:
Standard EN 60269-1

Bases for high power safety devices

The series bases for high power safety device is manufactured of permitivity alloy with mounted contact jaws of electrolytic copper supplied with special springs for contact compression and easy fuse links taking out. All current leading parts are connected to inlet outlet terminals with bolts; the terminals also end with bolts, to which the power supply conductors are connected. The bases are offered in five type sizes corresponding to the five types of fuse links.



Base type	Overall dimensions (mm)							
	A1	A2	A3	B1	B2	C1	C2	Ød
SIST00	25	100	120	-	30	25	60	7.5
SIST 0	25	150	170	-	30	37	72	7.5
SIST1	25	175	200	30	58	38	84	10.5
SIST2	25	200	225	30	60	38	100	10.5
SIST3	25	210	250	30	60	40	105	10.5

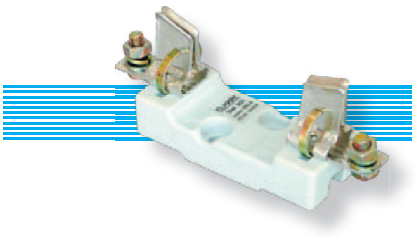


Base type	Fuse link type	Rated current (A)	Rated voltage Un (V)	Weight (gr)	Packing / Box (pcs)	Catalogue number
SIST00	NT 00	up to 160	600	193	5 / 120	12001
SISP00	NT 00	up to 160	600	215	5 / 120	12001P

Remark : Fuse bases SISP are made of porcelain

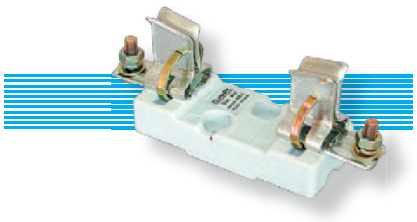
Base type	Fuse link type	Rated current (A)	Rated voltage Un (V)	Weight (gr)	Packing / Box (pcs)	Catalogue number
SIST0	NT 0	up to 160	600	295	3 / 54	12010
SISP0	NT 0	up to 160	600	319	3 / 54	12010P

Remark : Fuse bases SISP are made of porcelain



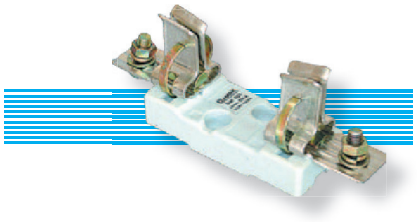
Base type	Fuse link type	Rated current (A)	Rated voltage Un (V)	Weight (gr)	Packing / Box (pcs)	Catalogue number
SIST1	NT 1	up to 250	600	550	3 / 36	12100
SISP1	NT 1	up to 250	600	550	3 / 36	12100P

Remark : Fuse bases SISP are made of porcelain



Base type	Fuse link type	Rated current (A)	Rated voltage Un (V)	Weight (gr)	Packing / Box (pcs)	Catalogue number
SIST2	NT 2	up to 400	600	770	1 / 20	12200
SISP2	NT 2	up to 400	600	810	1 / 20	12200P

Remark : Fuse bases SISP are made of porcelain



Base type	Fuse link type	Rated current (A)	Rated voltage Un (V)	Weight (gr)	Packing / Box (pcs)	Catalogue number
SIST3	NT 3	up to 630	600	965	1 / 15	12300
SISP3	NT 3	up to 630	600	987	1 / 20	12300P

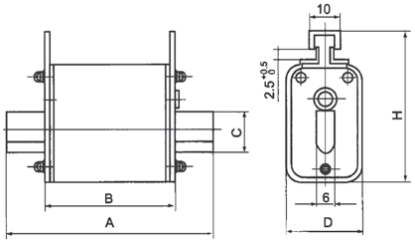
Remark : Fuse bases SISP are made of porcelain

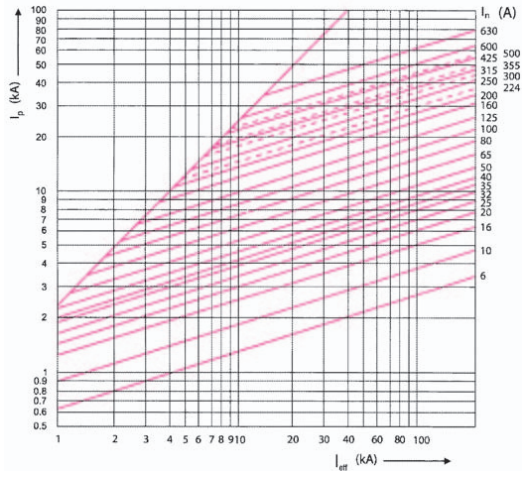
Documents corresponding to the product:
Standard EN 60269-1
EN 60269-2

Fuse links for high power safety devices

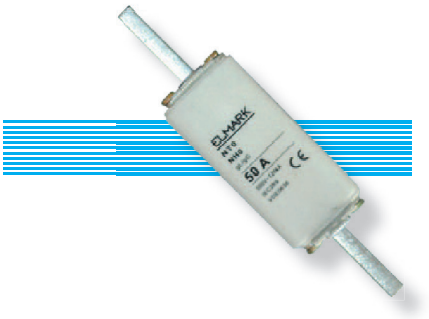
The series fuse links for high power safety devices is designed for short circuit protection. They are distinguished with high speed of operation and high reliability. The element is a ceramic (porcelain) body filled with fine quartz sand for voltaic arc lowering. In the ceramic body is mounted a fusible, specially profiled wafer connecting the current leading terminals. These terminals are manufactured of copper alloy with special nickel coating and have the form of knives to provide more contact surface. The fuse links correspond to “gL – gG” class which means that they are with common function and normal response time.
NH Fuses
Two operating classes of NH Fuses are available:
* Operating class gL/gG – general purpose, line protection, slow acting
* Operating class “aM” – fast acting, suitable for motor overload and short circuit protection

Technical data:
* Rated voltage: 500V
* Rated short circuit current: 120 kAeff
* IP code: IP 00
* Ambient temperature: -5 to +55°C
* Altitude: up to 2000m





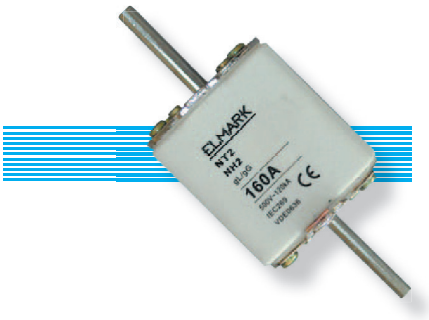
Base type	Overall dimensions (mm)				
	A	B	C	D	H
NT00	78	40	15	29	56.5
NT 0	125	68	15	29	56.5
NT1	135	68	21	48	62
NT 2	150	68	27	58	72
NT 3	150	68	33	67	84.5



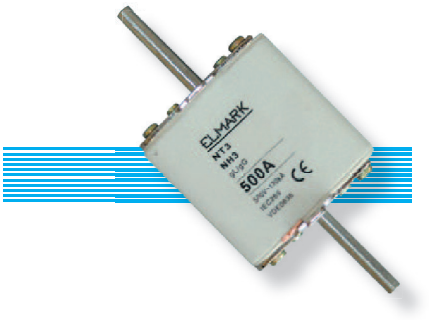
Type	In (A)	Un (V)	Packing / Box (pcs)	Catalogue number class gL-gG
NT00	16	500,600	3 / 120	10001
NT00	25	500,600	3 / 120	10002
NT00	32	500,600	3 / 120	10003
NT00	40	500,600	3 / 120	10004
NT00	50	500,600	3 / 120	10005
NT00	63	500,600	3 / 120	10006
NT00	80	500,600	3 / 120	10008
NT00	100	500,600	3 / 120	10009
NT00	125	500,600	3 / 120	10012
NT00	160	500,600	3 / 120	10016

Type	In (A)	Un (V)	Packing / Box (pcs)	Catalogue number class gL-gG
NT0	16	500,600	3 / 90	10015
NT0	25	500,600	3 / 90	10025
NT0	32	500,600	3 / 90	10032
NT0	40	500,600	3 / 90	10040
NT0	50	500,600	3 / 90	10050
NT0	63	500,600	3 / 90	10063
NT0	80	500,600	3 / 90	10080
NT0	100	500,600	3 / 90	10090
NT0	125	500,600	3 / 90	10092
NT0	160	500,600	3 / 90	10096

Type	In (A)	Un (V)	Packing / Box (pcs)	Catalogue number class gL-gG
NT1	80	500,600	3 / 54	10108
NT1	100	500,600	3 / 54	10110
NT1	125	500,600	3 / 54	10112
NT1	160	500,600	3 / 54	10116
NT1	200	500,600	3 / 54	10120
NT1	225	500,600	3 / 54	10122
NT1	250	500,600	3 / 54	10125



Type	In (A)	Un (V)	Packing / Box (pcs)	Catalogue number class gL-gG
NT2	160	500,600	1 / 30	10216
NT2	200	500,600	1 / 30	10220
NT2	250	500,600	1 / 30	10225
NT2	315	500,600	1 / 30	10231
NT2	400	500,600	1 / 30	10240

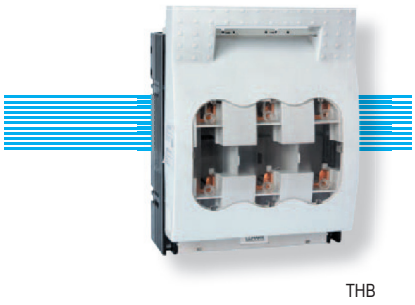


Type	In (A)	Un (V)	Packing / Box (pcs)	Catalogue number class gL-gG
NT3	500	500,600	1 / 24	10350
NT3	630	500,600	1 / 24	10363

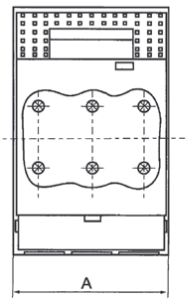
Documents corresponding to the product:
Standard EN 60947-1;
EN 60947-3

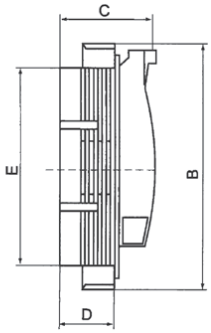
Designed in two types – horizontal and vertical. They represent a combination of low voltage isolating switch and high power safety devices mounted in a common plastic corpus. They are used for low voltage distribution boards and complete transformer substations (CTS) where visible circuit distribution is necessary. They provide safety and convenience at fuse links change. The plastic corpus increases the IP code and the plastic lid provides simultaneous circuits switching on/off. The lid allows easy removing which is additional measure at repairs. The vertical isolating switches are mounted directly to the power supply rails which enables the exploitation and improves the safety of the staff.

Technical data:
* Rated voltage: 500V
* Rated short circuit current: according to the mounted fuse links
* Number of poles: 3
* Impulse voltage wear resistance: 8kV
* Mechanical wear resistance: 3000 cycles
* IP code: IP 40
* Plastic: UV rays wear resistance
* Ambient temperature: -5 to +55°C
* Altitude: up to 2000m



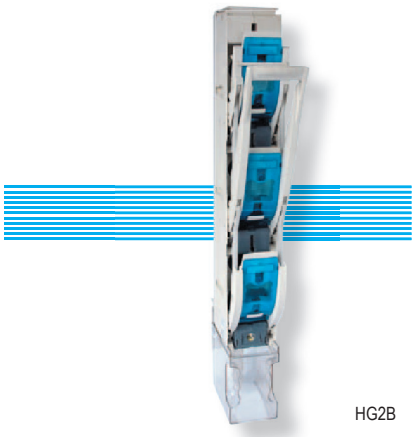
THB



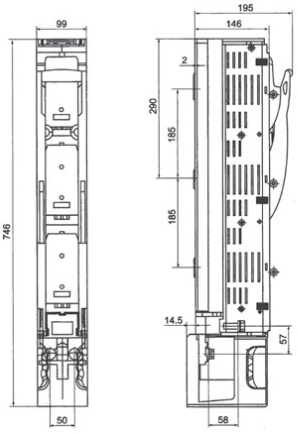


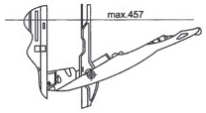
Base type	Overall dimensions (mm)				
	A	B	C	D	E
THB -160	105	160	85	45	100
THB - 250	185	220	111	66	180
THB - 400	210	260	130	88	205
THB - 630	256	270	140	94.5	245

Type	In (A)	Un (V)	Fuse link size	Packing / Box (pcs)	Catalogue number
THB	160	500, 660	NT00	1 / 18	44801
THB	250	500, 660	NT1	1 / 6	44802
THB	400	500, 660	NT2	1 /4	44803
THB	630	500, 660	NT3	1/4	44804



HG2B





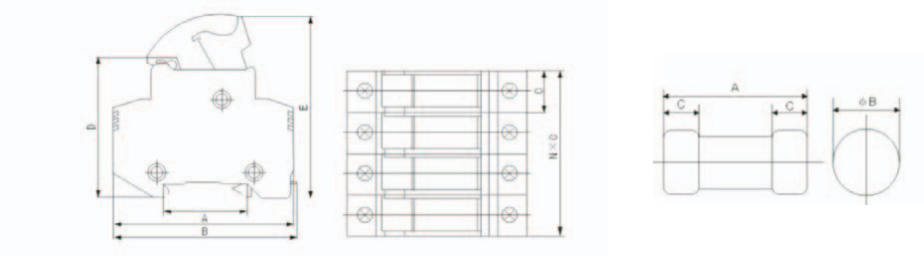
Type	In (A)	Un (V)	Fuse link size	Packing / Box (pcs)	Catalogue number
HG2B	160	500, 660	NT00	1 /4	44805
HG2B	250	500, 660	NT1	1 /4	44806
HG2B	400	500, 660	NT2	1 /4	44807
HG2B	630	500, 660	NT3	1 /4	44808

Documents corresponding to the product:
Standard EN 60269-2; IEC269-2

The series of switch disconnectors are developed for short-circuit protection. They have a high speed of start and high reliability. They have a plastic body of inflammable plastics adapted for mounting on a DIN rail, where a porcelain round plug, which is filled with fine quartz sand for extinguishing the electric arc. LED indicator is mounted on the front panel to show fuse link condition. In this ceramic body is mounted melting, specifically profiled plate, which connects the input power terminals. These terminals are produced from copper alloy with especially laid nickel layer and contact with the projecting bolts from the plastic body. There are offered two types of insertions according to the degree of quick operation: normally quickly operating ones – class "gG" and over quickly operating ones class "aR". Suitable for DC system.

Technical data:
* Rated voltage: 500V
* Insulation voltage: >2500V
* Rated current on short-circuit: 100 κA
* Direct mounting to the load
* Two insulated points to the load
* Protection rate: IP 44
* Cross-section of the supply conductors: up to 35mm^2
* Environmental temperature: -5° to +55°C
* Utization category: AC - 20B
  DC - 20B
* Altitude: up to 2000m

Overall dimensions



Base type	Number of poles	Rated current (A)	Type of the fuse	Base dimensions (mm)					Packing / Box (pcs)	Catalogue number
				A	B	C	D	E		
1PRT18 - 32x	1P	32	xxG1038	80	82	18	60	78	12 / 240	10RT1831
1NRT18 - 32x	1P+N	32	xxG1038	80	82	36	60	78	12 / 240	10RT18311
2PRT18 - 32x	2P	32	xxG1038	80	82	36	60	78	12 / 240	10RT1832
3PRT18 - 32x	3P	32	xxG1038	80	82	54	60	78	12 / 240	10RT1833
3NRT18 - 32x	3P+N	32	xxG1038	80	82	72	60	78	12 / 240	10RT18331
1PRT18 - 63x	1P	63	xxG1451	103	105	27	80	110	6 / 108	10RT1861
1NRT18 - 63x	1P+N	63	xxG1451	103	105	54	80	110	6 / 108	10RT18611
2PRT18 - 63x	2P	63	xxG1451	103	105	54	80	110	6 / 108	10RT1862
3PRT18 - 63x	3P	63	xxG1451	103	105	81	80	110	6 / 108	10RT1863
3NRT18 - 63x	3P+N	63	xxG1451	103	105	108	80	110	6 / 108	10RT18631

Type of the fuse class gG	Voltage (V)	Rated current (A)	Size of the fuse A x ØB x C	Packing / Box (pcs)	Catalogue number
01G1038	500	1	38xØ10.3x10mm	10 / 2000	10G10381
02G1038	500	2	38xØ10.3x10mm	10 / 2000	10G10382
04G1038	500	4	38xØ10.3x10mm	10 / 2000	10G10384
06G1038	500	6	38xØ10.3x10mm	10 / 2000	10G10386
10G1038	500	10	38xØ10.3x10mm	10 / 2000	10G103810
16G1038	500	16	38xØ10.3x10mm	10 / 2000	10G103816
20G1038	500	20	38xØ10.3x10mm	10 / 2000	10G103820
25G1038	500	25	38xØ10.3x10mm	10 / 2000	10G103825
32G1038	500	32	38xØ10.3x10mm	10 / 2000	10G103832
40G1451	500	40	51xØ14.3x12mm	10 / 1000	10G145140
50G1451	500	50	51xØ14.3x12mm	10 / 1000	10G145150
63G1451	500	63	51xØ14.3x12mm	10 / 1000	10G145163