NT

Low voltage fuse

OPERATION INSTRUCTION

Standard: IEC 60269

CNC Deliver Power For Better Life

⚠ Before installing and using this product, please read this manual carefully and pay more attention to safety.

Warning:
When replacing the fuse, please cut off the power first, and live operation is not allowed to avoid electric shock!

Note:
1. It must be used by full-time personnel and must not be operated with wet hands to prevent electric shock.
2. After the fuse is blown, the cause should be found out first, and then replaced after troubleshooting.
3. When replacing the fuse: 1) Please use the replacement handle to replace it, and do not touch the fuse directly with your hands to prevent burns; 2) The fuse of the original specification must be selected, and the fuse of other specifications must not be used instead.
4. If two phases are blown during operation, three phases should be replaced at the same time when replacing the fuse.

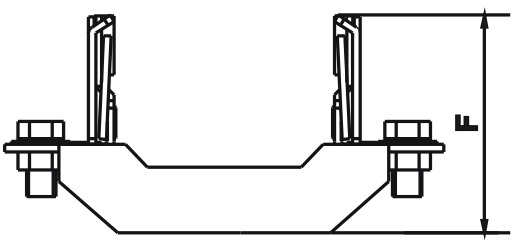
1 General

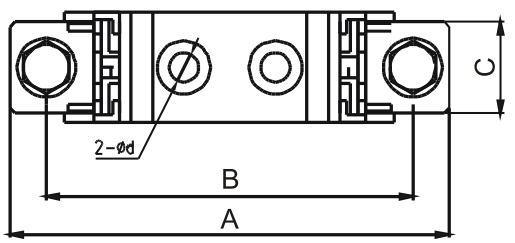
This series of fuse links is mainly used in AC 50Hz, rated voltage up to 1140v, rated current up to 1250A and for protecting electric equipment from overload and short-circuit. It can reliably break the min. fusion current to any current wit-hin 120KA.

It is also available for the protection of semiconductor parts and equipments against short-circuit (type aR) and protection of motors (type aM).

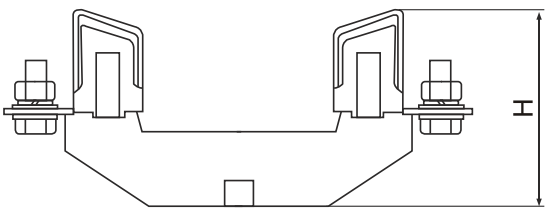
2 Technical data

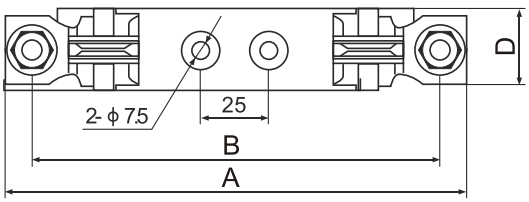
Product model	Rated insulation voltage (V)	Rated current (A)	Overall dimension (mm)			
			A	B	C	F
NT00C/00	690	160	120	100	30	60



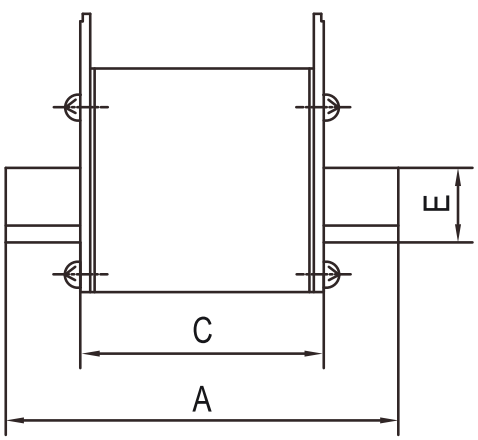


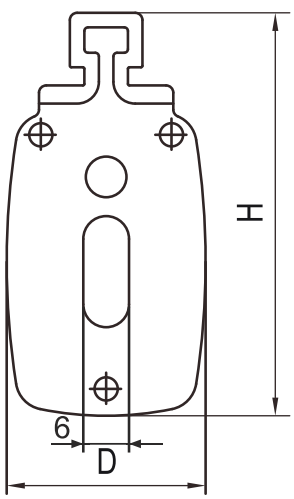
Product model	Rated insulation voltage (V)	Rated current (A)	Overall dimension (mm)			
			A	B	C	F
NT0	690	160	170	150	30	72



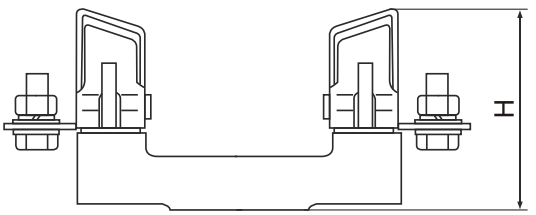


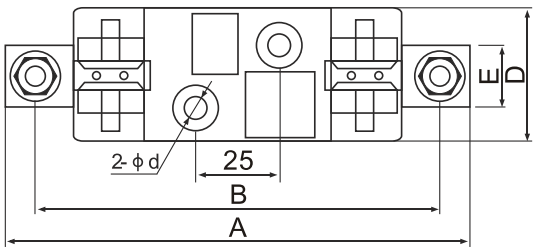
Product model	Rated insulation voltage (V)	Rated current (A)	Overall dimension (mm)				
			A	C	D	E	H
NT00C	500/690	4-125	78	49	21	15	52
NT00	500/690	4-160	78	49	29	15	56
NT0	500/690	4-160	125	68	29	15	56



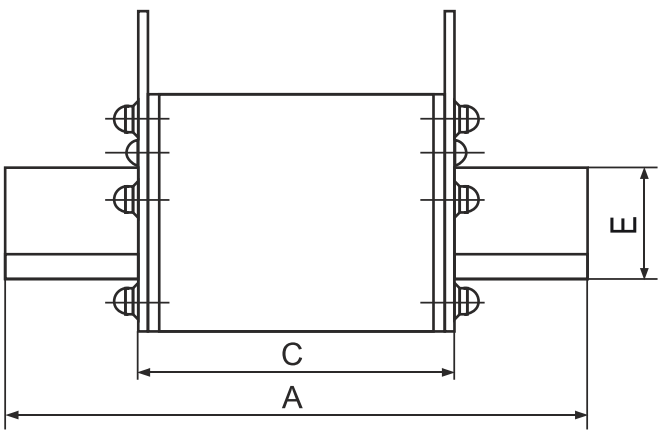


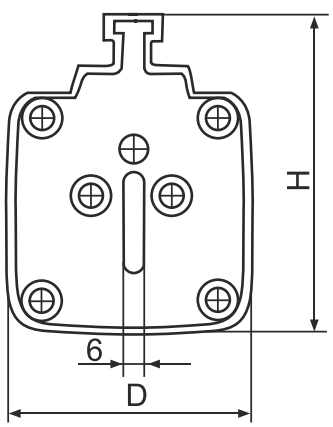
Product model	Rated insulation voltage (V)	Rated current (A)	Overall dimension (mm)					
			A	B	D	E	H	Φd
NT1	690	250	200	175	58	30	84	10.5
NT2	690	400	220	200	60	30	100	10.5
NT3	690	630	250	210	60	30	105	10.5



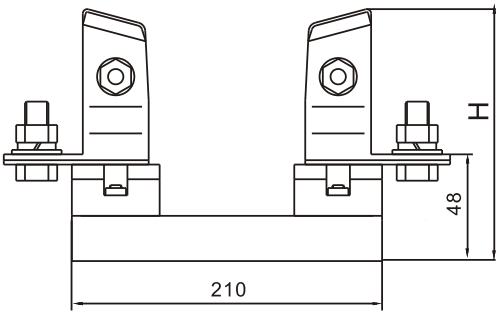


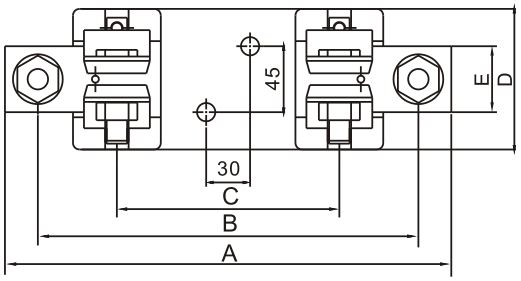
Product model	Rated insulation voltage (V)	Rated current (A)	Overall dimension (mm)				
			A	C	D	E	H
NT1	500/690	32-250	135	68	48	20	60
NT2	500/690	80-400	150	68	58	25	72
NT3	500/690	160-630	150	68	68	32	84



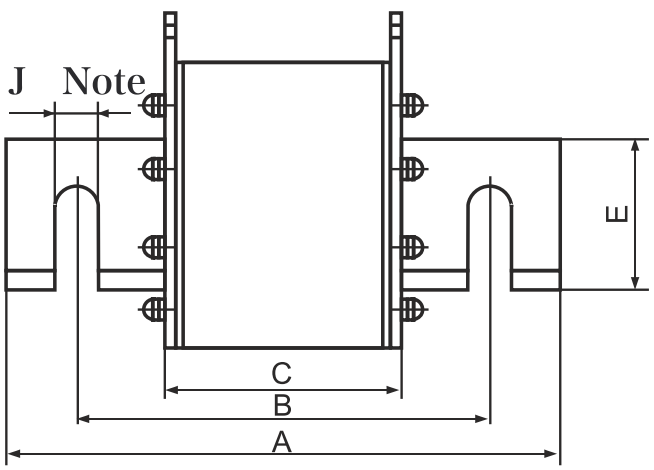


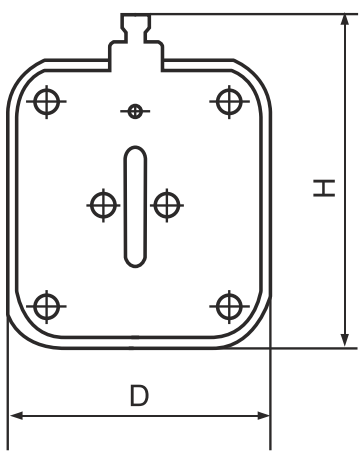
Product model	Rated insulation voltage (V)	Rated current (A)	Overall dimension (mm)					
			A	B	C	D	E	H
NT4	690	1250	305	260	150	95	45	148





Product model	Rated insulation voltage (V)	Rated current (A)	Overall dimension (mm)					
			A	B	C	D	E	H
NT4	500/690	500-1250	200	150	90	97	113	16.5





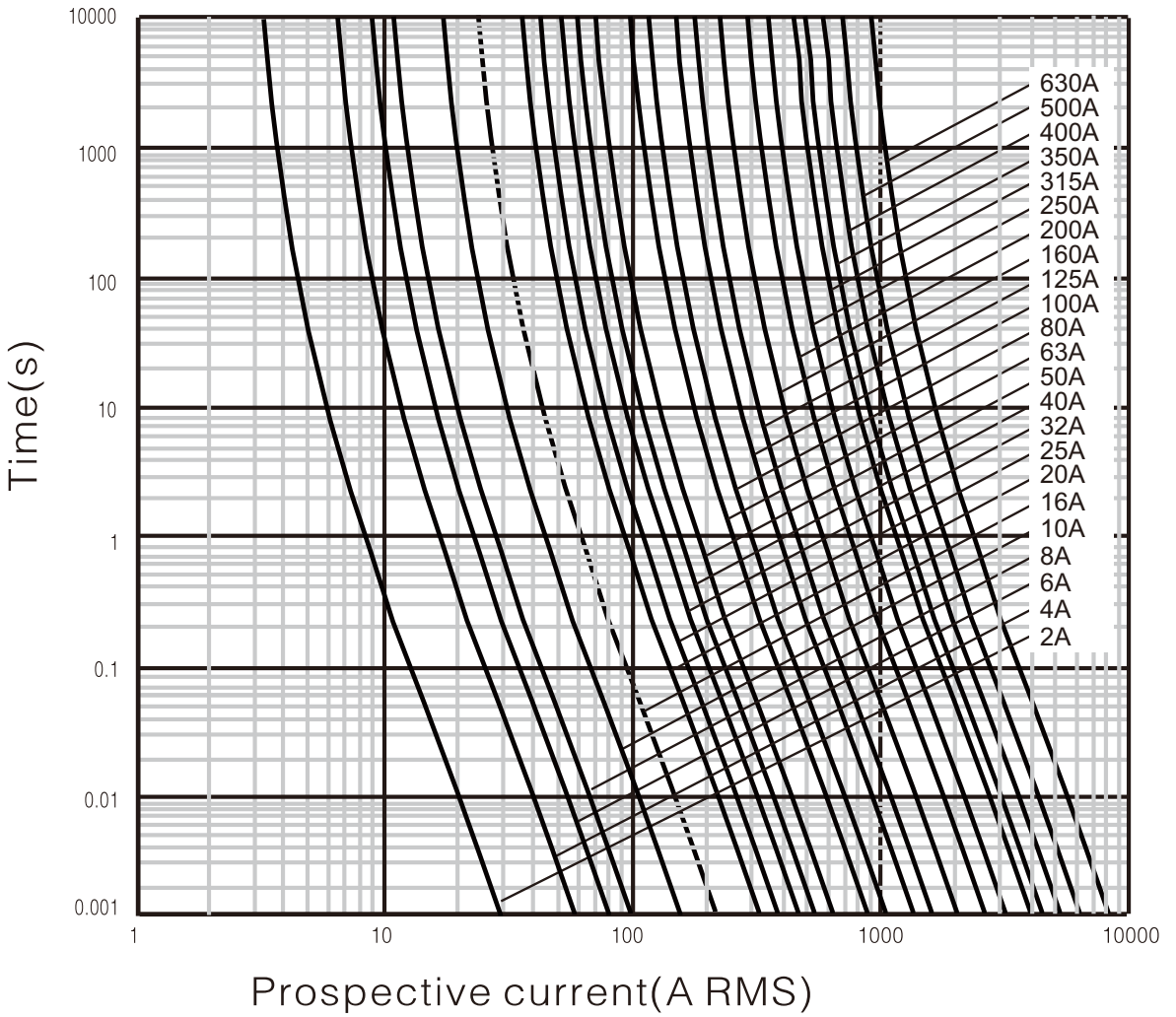
Note: It is allowable to change the double-transverse type wiring hole into one-transverse one-straight or double-straight type structure.

3 Use and Maintenance

1. Ambient air temperature (-5~+40) ℃, and the average value of 24 hours does not exceed +35 ℃. The relative humidity of the air should not exceed 50% when the ambient temperature is +40°C. There may be higher relative humidity at lower temperatures, but consideration should be given to eliminating condensation on the product surface due to temperature changes.
2. It cannot be used in a place with a large amount of conductive dust and gas or steam that destroys insulation and corrodes metal, nor can it be used in equipment with severe vibration.
3. Vertical installation. The creepage distance during installation is not less than 12mm, and the electrical clearance is not less than 8mm.
4. The indicator protrudes, indicating that the fuse has been fused. Please find out the reason and replace the fuse with the same specification with the replacement handle.

4 The protection characteristic curve of the fuse is shown in Figure 3.

Figure 3



5 Order instructions

1. When purchasing support parts, please write "support parts" or "fuse base" before the model number.
2. When purchasing the fuse, please write "fuse link" before the model number.

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CERTIFICATE

Product Model: NT

Standard : IEC 60269

Inspector : CNC004

Production date: Printed on the product or package.

This product is qualified according to the delivery inspection

CNC NT series

CNC ELECTRIC

Tel: 0086-577-61989999 Fax: 0086-577-61891122

www.cncele.com E-mail: cncele@cncele.com