

Fuse NH-DIN00-DIN00C 500V



DIN 00 C 1301.0080



DIN 00 1301.0061

See below:

**Approvals and Compliances**

**Description**

- Characteristic gG (gL)
- According to IEC 269
- According VDE 0636
- Selectivity 1:1.6
- Removal tags energized

**Weblinks**

[pdf data sheet](#), [html datasheet](#), [Detailed request for product](#)

**Technical Data**

Rated Current In	6- 160 A
Rated Voltage	500 VAC
Breaking Capacity	120 kA
Rated Power Operating Frequency fe	50 Hz

Contact blade	Full contact blades, Cu silvered
Characteristic resistance	even with alternating load; nonagin to VDE 0636
Indicator	Combi indicator

**Basic Design**

Insulator	Ceramics
Metal components	corrosion-resistant (rustproof)

**Power Dissipation (Watt) operating temperature max.**

The power dissipation is the so called power loss at rated current load and operation temperature acc. VDE 0636 . It is to be measured in Watt at AC condition. The voltage tap is to be assured that the power dissipation of the blade contacts are included. This means the measure contact need to be applied at the ends of the blade contacts. The standard VDE 0636 part 1 and 2 requires that following maximal permissible power losses are not exceeded.

**Approvals and Compliances**

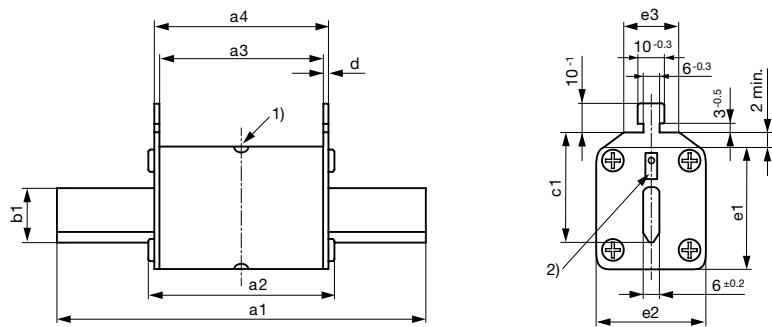
Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

**Compliances**

The product complies with following Guide Lines

Identification	Details	Initiator	Description
REACH	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

Dimensions [mm]

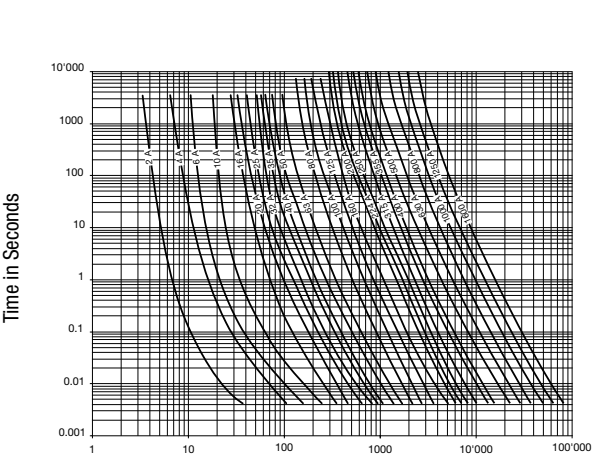


DIN	a1	a2	a3	a4	b1	c1	d	e1	e2	e3
00	78.5 ±1,5	54 -6	45 ±1,5	49 ±1,5	15 +0,8	35 ±0,8	2,0 +1,0/-0,5	41	30 -1,0	20 ±5
00C	78.5 ±1,5	54 -6	45 ±1,5	49 ±1,5	15 +0,8	35 ±0,8	2,0 +1,0/-0,5	36	20 +0,9	20 ±5

- 1) Centre indicator
- 2) Flat indicator

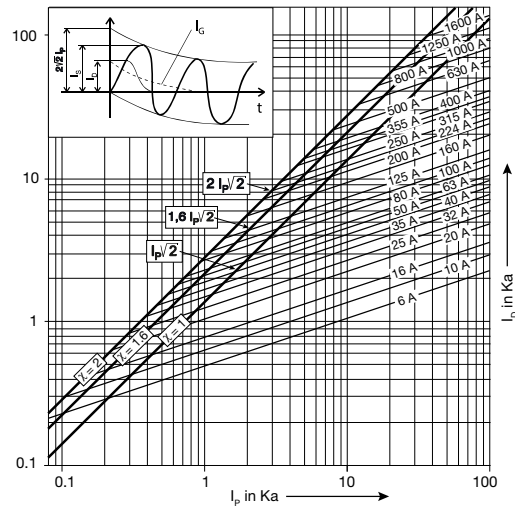
Time-Current-Curves

DIN00 - DIN3, 400-500 V



Effective value of the melting current (A) + - 8%














Current limiting diagram



The prospective short circuit current is the value of the current, that would flow if there was no protection in the circuit.

- ID Let-through current
- IG Value of DC component
- IP Prospective short-circuit current
- IS Short-circuit peak current
- X Factor (X=2 für cosφ=0, X=1 für cosφ=1)

## All Variants

Rated current	Style	Power Loss	Order Number	E-No.	
[A]	[Compact]	[W]			
6	C	1.6	<a href="#">1301.0071</a>	840500079	
10	C	1.1	<a href="#">1301.0072</a>	840500089	
16	C	1.8	<a href="#">1301.0073</a>	840500099	
20	C	2.3	<a href="#">1301.0074</a>	840500109	
25	C	2.4	<a href="#">1301.0075</a>	840500119	
35	C	3.0	<a href="#">1301.0076</a>	840500139	
40	C	3.7	<a href="#">1301.0077</a>	840500149	
50	C	4.1	<a href="#">1301.0078</a>	840500159	
63	C	5.4	<a href="#">1301.0079</a>	840500179	
80	C	6.5	<a href="#">1301.0080</a>	840500199	
100	C	7.5	<a href="#">1301.0081</a>	840500209	
125	-	10.0	<a href="#">1301.0016</a>	840100219	
160	-	11.3	<a href="#">1301.0061</a>	840100239	

 Most Popular.

Availability for all products can be searched real-time: <https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

**Packaging unit** 3 Pcs