NH-DIN00 - DIN00C 500V

Fuse NH-DIN00-DIN00C 500V (gG)

DIN 00 C 1301.0080

DIN 00 1301.0061

See below:
Approvals and Compliances

Description

- According to IEC 269
- According VDE 0636
- Selectiviti 1:1.6
- Removal tags energized

Unique Selling Proposition

- Characteristic gG
- Full-range fuse-links for general applications

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 temeperature acc. VDE 0636 . It is to be measeured 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 permissiable 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

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type:

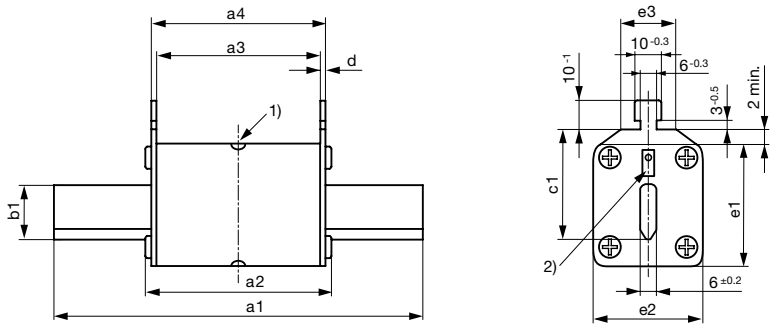
Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	VDE Certificate Number: 40052733

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]

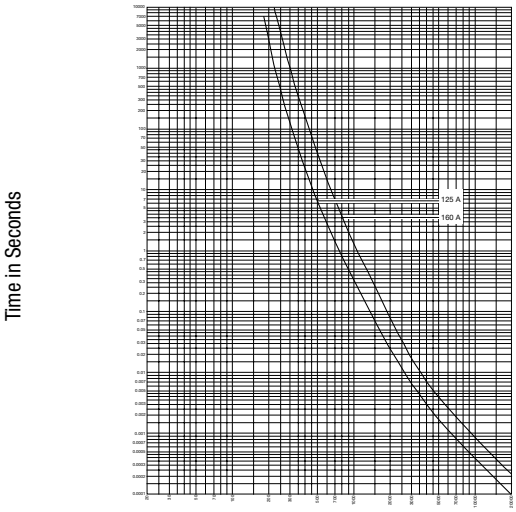


DIN	a1	a2	a3	a4	b1	c1	d	e1	e2	e3
00	78.5 ±1,5	54 -6	45 ±1,5	49 ±1,5	15 +0,8	35 ±0,8	2,0 +1,0/-0,5	41	30 -1,0	20 ±5
00C	78.5 ±1,5	54 -6	45 ±1,5	49 ±1,5	15 +0,8	35 ±0,8	2,0 +1,0/-0,5	36	20 +0,9	20 ±5

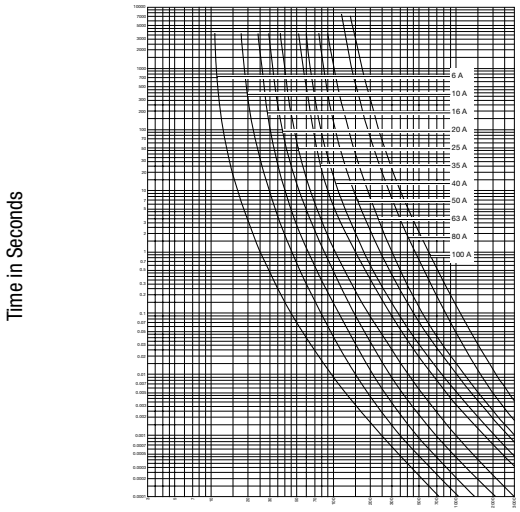
1) Centre indicator
2) Flat indicator

Time-Current-Curves

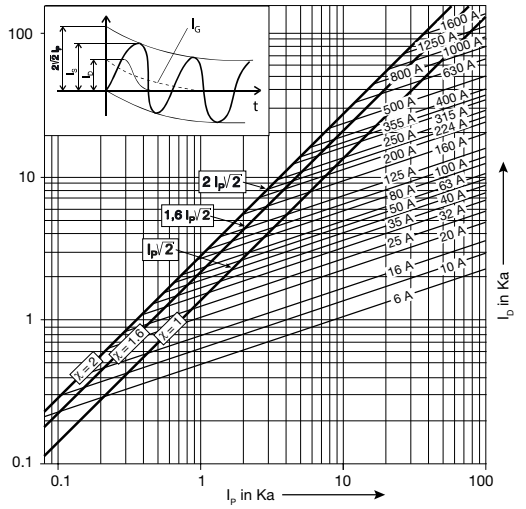
DIN00 125 - 160 A, 500V



DIN00C 6 - 100 A, 500V



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

14.03.2022