NH-DIN 1 - DIN 1C 500V

Fuse NH-DIN1-DIN1C 500V (gG)

DIN 1 C 1301.0217

DIN 1 1301.0210

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	25- 250 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:

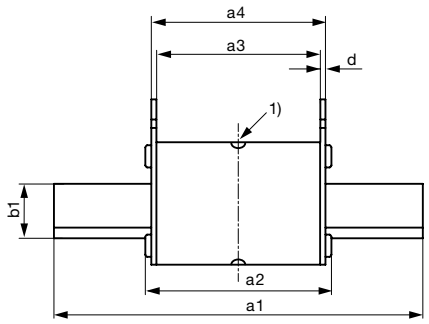
Approval Logo	Certificates	Certification Body	Description
	VDE Approvals	VDE	VDE Certificate Number: 40052740

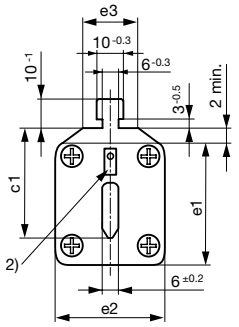
Compliances

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]



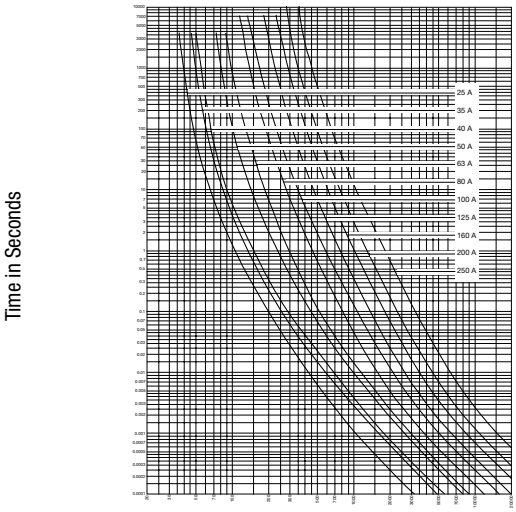


DIN	a1	a2	a3	a4	b1	c1	d	e1	e2	e3
1	135 ±2,5	75 -10	62 ±2,5	68 ±2,5	20 +0,2	40 ±0,8	2,5 +1,5/-0,5	49	40 ±0,65	20 +5/-2
1C	135 ±2,5	75 -10	62 ±2,5	68 ±2,5	15 +0,2	40 ±0,8	2,5 +1,5/-0,5	41	30 -1,0	20 +5/-2

1) Centre indicator
2) Flat indicator

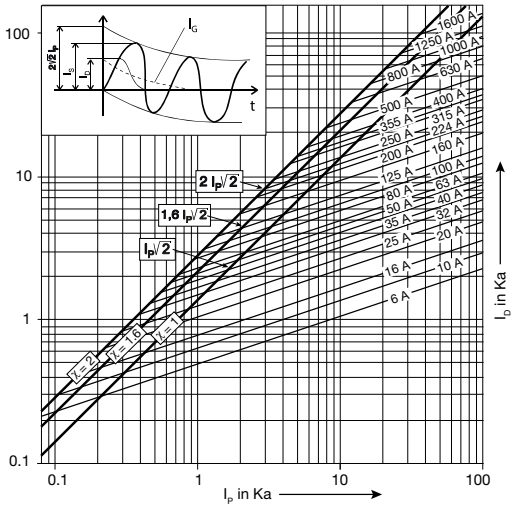
Time-Current-Curves

DIN1 25 - 250 A, 500V



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 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.	
25	C	2.4	1301.0211	840501119	▮
35	C	3.0	1301.0212	840501139	▮
40	C	3.7	1301.0213	840501149	▮
50	C	4.1	1301.0214	840501159	▮
63	C	6.6	1301.0215	840501179	▮
80	C	8.0	1301.0216	840501199	▮
100	C	9.4	1301.0217	840501209	▮
125	C	11.8	1301.0218	840501219	▮
160	-	14.6	1301.0207	840101239	▮
200	-	18.0	1301.0208	840101249	▮
250	-	20.0	1301.0210	840101269	▮

▮ 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

12.05.2021

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