

IEC LV NH fuse links with blade contacts

The NH system is classified among plug-in fuse systems and is composed of:

- fuse-base, (possibly including terminal covers and phase barriers)
- fuse-link with blade contact
- fuse-link replacement device (LV HRC fuse puller)

Since the design of this system cannot guarantee non-interchangeability of rated current,

it must be handled by a qualified professional.

NH-fuse links „gTr“ are used for the protection of transformers. The time/current characteristic is especially adapted to that of the protected transformer and implies optimal selectivity to NH-fuse links characteristic gG. The fuses can be loaded with 1×3 times nominal current for up to 10 hours. The fuse link operates at 1×5 times nominal transformer current within 2 hours.

Features Benefits

- Maximum transformer capacity (up to 1·3 x I_{rat})
- Reduction of unnecessary interruption of operation
- Precise cut off of overload
- Characteristic adapted to the transformer
- Resistant to ageing
- Selectivity to fuse links gG
- High current limiting
- High cut off capacity
- Easy selection between transformer and fuse link

Applications

- Protection of transformers

Technical data overview

Volt (VAC)	400 VAC
Nominal capacity of transformer	50 ... 400 kVA
Ampere Range (A)	72 ... 577 A
Size per Standard	Sizes 2, 3, 4a
Speed/Characteristic	gTr
I.R. AC (kA)	100 kA
Body Material	ceramic
Materials Contact	copper, silver-plated



Standards

DIN 57636 Part 201
VDE 0636 Part 201
DIN 57636 Part 22
VDE 0636 Part 22
IEC 60269-1 and -2