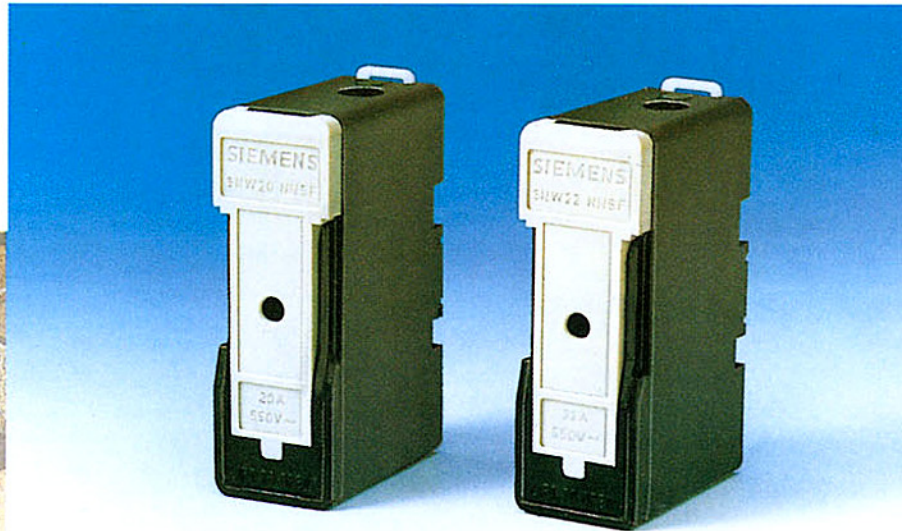
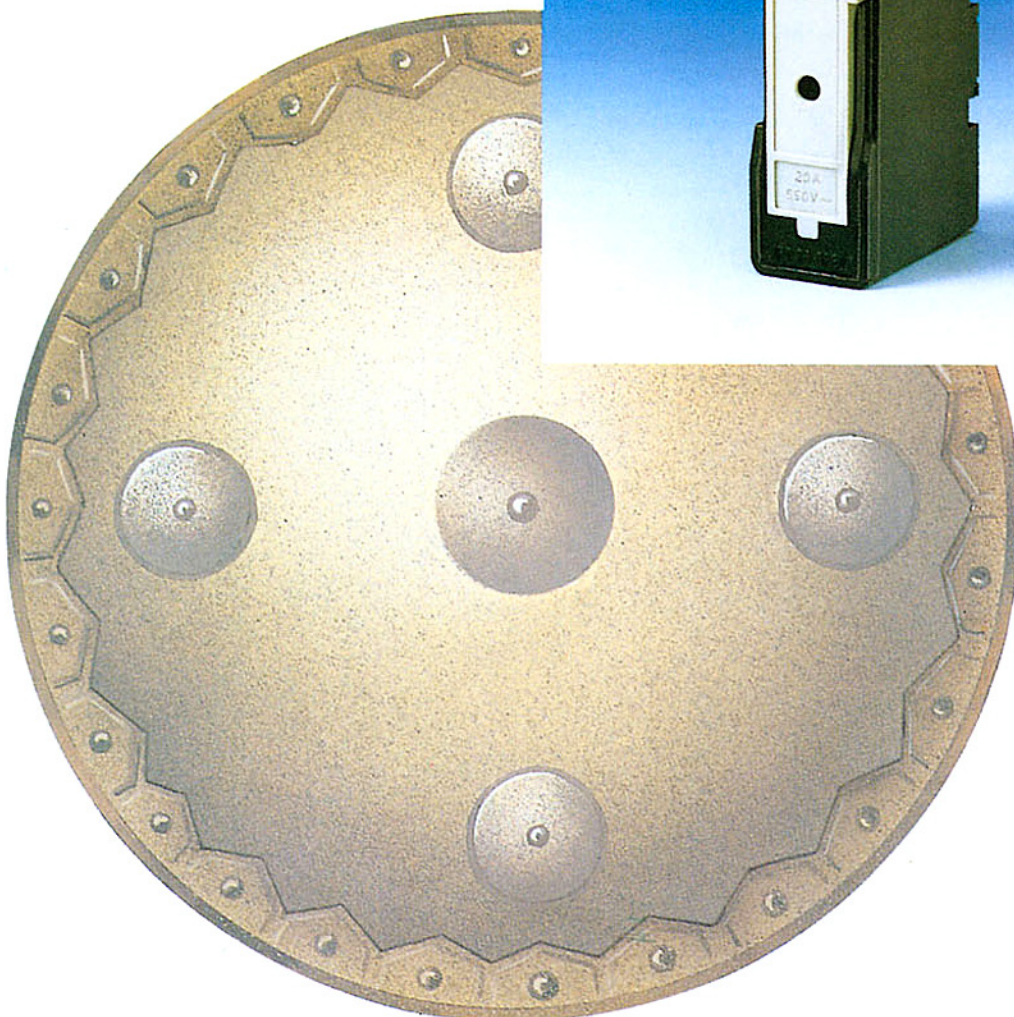


# SIEMENS

## 3 NW

BS type-HRC Fuse Holders  
Upto 32A 550V AC/DC



### Unique Features

- Positive Fuse link alignment
- Low Watt loss

## ■ Description

Siemens BS type HRC fuse holders provide a simpler safe range designed to accommodate the compact range of offset blade tag fuse links. The combination offers significant savings in volume and cost as well as a reduction in fitting time and power loss. The 20A fuse holder (Type 3NW20NNSF) is suitable for fuse links rated upto 20A (3NWNS range). The 32A fuse holder (type 3NW32NNSF) is suitable for fuse links above 20A and upto 32A (type 3NWNS range).

## ■ Standards

Siemens HRC fuse holders conform fully to

the requirements of national and international standards, IS 9224-1979/IS 13703-1993, IEC-269 and BS88 to accommodate blade tag fuse links to BS88 : Part 1 & 2-1988, IS 13703 : Part 1 & 2-1993, IEC 269 : (1986) and 269-2-1

## ■ Applications

Siemens HRC fuse holders along with BS fuse links provide a safe and a easy method of protecting a wide range of electrical equipments such as lighting, heating, motor and control equipment circuits and offer significant savings on volume, cost, fitting time and power loss.

## ■ Features

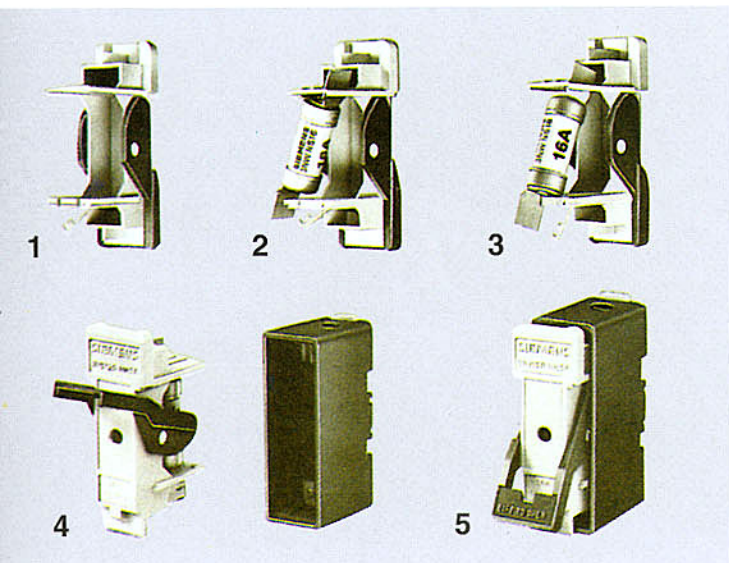
Siemens fuse holders has been successfully tested for short circuit breaking test of 80KA with a Siemens blade tag fuse link at CPRI.

The fuse holder incorporates a unique locking carrier which eliminates the need for fuse carrier contacts. This provides positive, stress

free fitting of fuse links and locks the fuse link in position ensuring safe insertion and withdrawal from the base. The resulting direct contact between fuse link blades and the plated base contacts provides low watt loss and increased reliability.

The fuse carriers are fitted with a cam for ease

Easy installation



• Tested At CPRI for  
of 80KA.

• Low Watt loss due  
link blades and pl

• Unique design of  
a cam assists in e

• Dual mounting ca

of removal from the fuse base. Further the cam ensures an improved contact pressure between fuse carrier and fuse base contacts, with a corresponding enhanced electrical performance level. This unique design overcomes a major problem of all existing fuse holders manufactured in the

country, which have to compromise between difficulties of fuse carriers removal from base and contact pressure achieved.

The fuse base housing is made up of glass filled nylon having excellent mechanical, thermal and electrical characteristics.

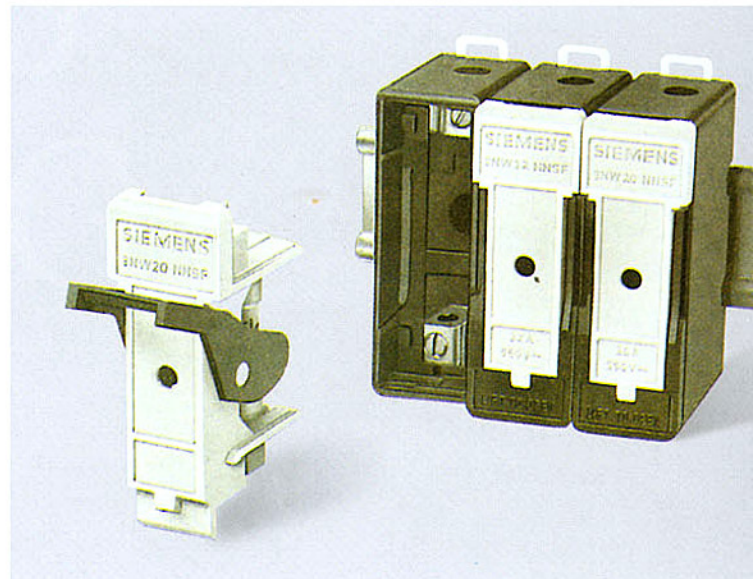
### ■ Dual mounting capability

The design as standard provides both bolted panel and a direct 35 mm DIN rail mounting feature. Siemens HRC fuse holders can be installed on DIN rails by a simple snap action. Similarly for removal a simple

operation by a screw driver is enough. Time consuming operations like fixing screws at the time of installation or removing them at the time of replacement are not required.

Short circuit breaking capacity  
Direct contact between fuse  
base contacts.  
Fuse carrier with  
ease of removal.  
Dual mounting capability.

DIN rail mounting



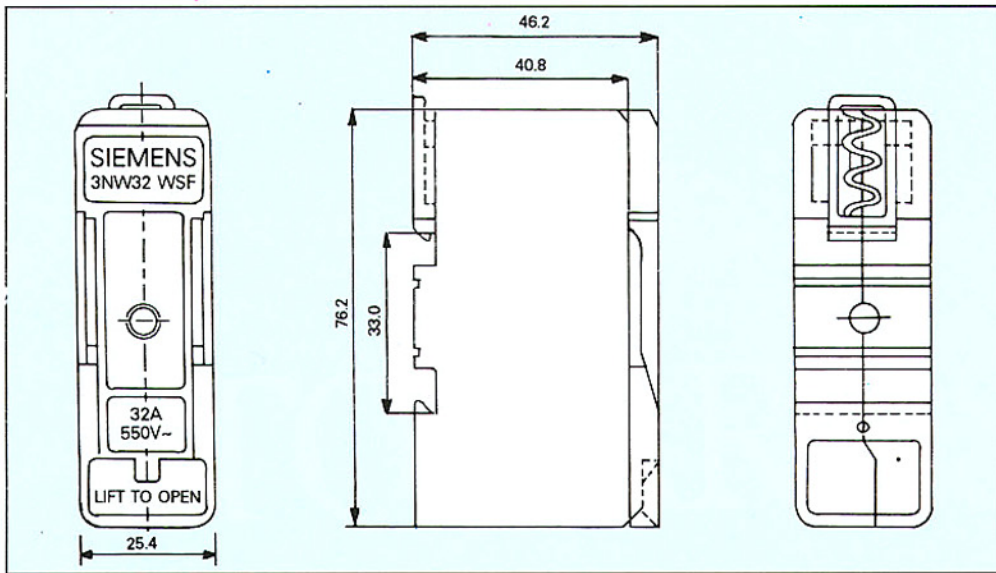
## Selection Table

Fuse holder type	Current Rating Amps	Max. Volts type AC/DC	Fuse link type
3NW 20NNSF	20	550	3NW NS2 3NW NS4 3NW NS6 3NW NS10 3NW NS16 3NW NS20
3NW 32NNSF	32	550	3NW NS25 3NW NS32

## Technical Details

Rating Amps.	MLFB	Max. Cable (A1) mm <sup>2</sup>	Fuse link type	Dimensions
20	3NW 20NNSF	4	F1 of IS 13703	As per drawing
32	3NW 32NNSF	10	(3NWN5)	

## 3NW fuse holders dimensions (mm)



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