

Insert 160A, DIN00



See below:

[Approvals and Compliances](#)

**Description**

- Glass fiber Polyester
- Difficult to burn
- Impact resistant

**Characteristics**

- With 3 x 1-pole fuse switch disconnecter
- Protection 2-piece, transparent and sealable
- Partitioning between phase/phase and phase/N
- N-connector for TN-C to TN-S
- N-connector separating Piece self-opening when loosening the screw
- Neutral conductor screw: Tightening torque max. 2.5 Nm

**Weblinks**

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

**Technical Data**

|                                    |                               |
|------------------------------------|-------------------------------|
| Rated Current Ie                   | 160A @ 500VAC<br>125A@ 690VAC |
| Rated voltage Ue                   | 690VAC                        |
| Rated isolation voltage Ui         | 1000VAC                       |
| Rated Power Operating Frequency fe | 50Hz                          |

|  |                                  |
|--|----------------------------------|
| Rated Impulse Withstand Voltage Uimp               | 8kV                              |
| Conditioned Rated Short Circuit Current            | 50kA @ 690VAC<br>80kA@ 500VAC    |
| Rated short-time withstand current with fuse links | 20kA @ 500VAC                    |
| Allowed Ambient Temperature                        | -25°C to +40°C acc. to IEC 61439 |
| Protection by closed housing                       | IP20                             |

**Terminals**

|                          |                       |
|--------------------------|-----------------------|
| NH-Fuse-Link with Prisms | 6 - 95mm <sup>2</sup> |
|--------------------------|-----------------------|

|                                  |                       |
|----------------------------------|-----------------------|
| Neutral Disconnecter with Straps | 6 - 95mm <sup>2</sup> |
| Earth Connection Bride           | 6 - 95mm <sup>2</sup> |

Prisma strap: radius small 6 - 25 mm<sup>2</sup> / radius big 35 - 95 mm<sup>2</sup>

**NH-Switch disconnecter**

|   |                                |
|---|--------------------------------|
| Fuse-Link                               | DIN 00                         |
| Rated Current Ie                        | 160A @ 500VAC<br>125A@ 690VAC  |
| Rated voltage Ue                        | 690VAC<br>220VDC               |
| Rated isolation voltage Ui              | 1000VAC                        |
| Rated Power Operating Frequency fe      | 50Hz                           |
| Rated Impulse Withstand Voltage Uimp    | 8kV                            |
| Conditioned Rated Short Circuit Current | 80kA @ 500VAC<br>50kA @ 690VAC |

|  |   |
|--|---|
| Category of use AC                                   | AC-23B @ 400VAC<br>AC-22B @ 500VAC<br>AC-21B @ 690VAC |
| Category of use DC                                   | DC-22B @ 220VDC                                       |
| Rated power dissipation without NH fuse-links at Ith | 2.3 W   |
| Protection class                                     | IP20  |
| Mechanical lifetime                                  | 1400 Insertions                                       |
| Electrical lifetime                                  | 200 Insertions  |
| Ambient Temperature Tu**)                            | -40°C to +55  |

\*\*) A reduction of the rated current is required above 30°C

**Approvals and Compliances**

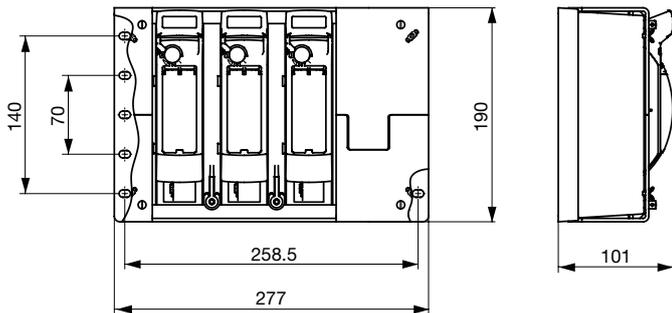
Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

## 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]



## All Variants

| Designation  | Terminal | Order Number | E-No. |
|--------------|----------|--------------|-------|
| 160A DIN00+0 | Straps   | 3-105-057    | -     |

Most Popular.

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

|                       |       |
|-----------------------|-------|
| <b>Packaging unit</b> | 1 Pcs |
|-----------------------|-------|