

# Fișă tehnică produs

Specificatii



## Intreruptor ComPacT NSX160S, 100 kA la 415 VAC 50/60 Hz, 160A, fara unitate de declansare, 3 poli

C16S3

### Principale

|  |  |
|--|--|
| Gama   | ComPacT noua generatie   |
| nume produs  | ComPacT NSX noua generatie   |
| nume scurt al dispozitivului                               | NSX160S  |
| Tip produs sau componenta                                  | Cadru de baza  |
| aplicatie a dispozitivului                                 | Distributie  |
| descriere poli   | 3P   |
| [In] curent nominal  | 160 A la 40 °C   |
| [Ue] tensiune nominala de functionare                      | 690 V c.a. 50/60 Hz conformitate cu SR EN 60947-2  |
| Tip retea electrica  | C.a.   |
| frecventa retea electrica                                  | 50/60 Hz   |
| adevcare pentru izolatie                                   | Da conformitate cu SR EN 60947-2   |
| categorie de utilizare                                     | Categoria A  |
| [Icu] capacitate nominala limita de rupere la scurtcircuit | 100 kA Icu la 380/415 V c.a. 50/60 Hz conformitate cu SR EN 60947-2<br>120 kA Icu la 220/240 V c.a. 50/60 Hz conformitate cu SR EN 60947-2<br>15 kA Icu la 660/690 V c.a. 50/60 Hz conformitate cu SR EN 60947-2<br>40 kA Icu la 525 V c.a. 50/60 Hz conformitate cu SR EN 60947-2<br>65 kA Icu la 500 V c.a. 50/60 Hz conformitate cu SR EN 60947-2<br>90 kA Icu la 440 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 |
| Nivel de performanta                                       | S 100 kA 415 V c.a.  |
| tip de control   | Comutare   |
| mod de montare   | Fix  |

### Suplimentare

|   |  |
|---|--|
| [Ui] tensiune nominala de izolatie                              | 800 V c.a. 50/60 Hz conformitate cu SR EN 60947-2  |
| [Uimp] tensiune nominala de tinere la impuls                    | 8 kV conformitate cu SR EN 60947-2   |
| [Ics] capacitate nominala de serviciu de rupere la scurtcircuit | 100 kA la 380/415 V c.a. 50/60 Hz conformitate cu SR EN 60947-2<br>120 kA la 220/240 V c.a. 50/60 Hz conformitate cu SR EN 60947-2<br>15 kA la 660/690 V c.a. 50/60 Hz conformitate cu SR EN 60947-2<br>40 kA la 525 V c.a. 50/60 Hz conformitate cu SR EN 60947-2<br>65 kA la 500 V c.a. 50/60 Hz conformitate cu SR EN 60947-2<br>90 kA la 440 V c.a. 50/60 Hz conformitate cu SR EN 60947-2 |
| durabilitate mecanica   | 40000 cic conformitate cu SR EN 60947-2  |
| durabilitate electrica  | 40000 cic 440 V c.a. 50/60 Hz In/2 conformitate cu SR EN 60947-2<br>15000 cic 690 V c.a. 50/60 Hz In/2 conformitate cu SR EN 60947-2<br>20000 cic 440 V c.a. 50/60 Hz In conformitate cu SR EN 60947-2<br>7500 cic 690 V c.a. 50/60 Hz In conformitate cu SR EN 60947-2  |
| suport de montare   | Placa dorsala  |

|                      |                |
|----------------------|----------------|
| conexiune superioara | Fata           |
| conexiune inferioara | Fata           |
| pasul conexiunii     | 35 mm          |
| tip de protectie     | Fără protecție |
| Latime               | 105 mm         |
| Inaltime             | 161 mm         |
| Adancime             | 86 mm          |

## Mediu

|   |                                 |
|---|---------------------------------|
| standarde                               | SR EN 60947-2<br>UL 60947-4-1   |
| grad de poluare                         | 3 conformitate cu SR EN 60664-1 |
| grad de protectie IP                    | IP40 conforming to SR EN 60529  |
| grad de protectie IK                    | IK07 conforming to IEC 62262    |
| temperatura ambientala de functionare   | -25...70 °C                     |
| temperatura ambietala pentru depozitare | -50...85 °C                     |

## Unitati de ambalare

|  |           |
|--|-----------|
| Unitate de masura pentru prima forma de impachetare  | PCE       |
| Numar unitati in prima forma de impachetare          | 1         |
| Inaltime prima forma de impachetare                  | 14,000 cm |
| Latime prima forma de impachetare                    | 11,000 cm |
| Lungime prima forma de impachetare                   | 19,500 cm |
| Greutate prima forma de impachetare                  | 1,462 kg  |
| Unitate de masura pentru a doua forma de impachetare | S03       |
| Numar unitati in a doua forma de impachetare         | 7         |
| Inaltime a doua forma de impachetare                 | 30,000 cm |
| Latime a doua forma de impachetare                   | 30,000 cm |
| Lungime a doua forma de impachetare                  | 40,000 cm |
| Greutate a doua forma de impachetare                 | 10,635 kg |

## Garanție contractuală

|          |         |
|----------|---------|
| Garantie | 18 luni |
|----------|---------|

## Environmental Data

Schneider Electric isi propune sa atinga nivelul Net Zero pana in 2050 prin parteneriate la nivelul lantului de aprovizionare, materiale cu impact mai redus si circularitate, prin campania „Use Better, Use Longer, Use Again” pentru a extinde durata de viata a produselor si reciclabilitatea.

[Environmental Data explicate >](#)

[Cum evaluam sustenabilitatea produselor >](#)

### **Amprenta de mediu**

|                                 |  |
|---------------------------------|--|
| Amprenta de carbon (kg CO2 eq.) | 145  |
| Raport de mediu                 | <a href="#">Profilul ambiental al produsului</a> |


### **Use Better**

#### **Materiale si ambalare**

|                                     |  |
|-------------------------------------|--|
| Continut de metal reciclat          | 0                                      |
| Pachet cu carton reciclabil         | Da                                     |
| Ambalaj fara plastic                | Nu                                     |
| <a href="#">Directiva RoHS UE</a>   | Conform cu scutiile                    |
| Numar SCIP                          | 206b752d-15ab-4228-8cd8-4e338f718b28   |
| Regulamentul REACH                  | <a href="#">Declaratia REACH</a>       |
| Performanta continutului de halogen | Produsul contine halogen peste praguri |
| Nu contine PVC                      | Da                                     |

### **Use Again**

#### **Reambalare si refabricare**

|  |  |
|--|--|
| Profil circularitate                   | <a href="#">Informatii privind sfarsitul duratei de viata</a>  |
| Preluare la sfarsitul duratei de viata | No   |
| DEEE                                   |  Produsul trebuie sa fie eliminat de pe piata din Uniunea Europeana dupa colectarea specifica a deseurilor si sa nu ajunga niciodata in pubele de gunoi |

Offer Marketing Illustration

Product benefits / Features

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Offer Marketing Illustration

Product benefits / Features

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**ComPacT NSX**  
Range Accessories

Wireless auxiliary contact

Short terminal shield

Interphase barriers

Long terminal shield

Rotary handles

Standard auxiliary contact

MN undervoltage release

MX shunt release

Standard motor mechanism module

The illustration displays a collection of accessories for the ComPacT NSX circuit breaker range. At the top left, a green circular graphic partially overlaps a main circuit breaker unit. Below this, nine individual accessories are arranged in a 3x3 grid, each with a small image and a text label. The accessories include: a wireless auxiliary contact (green and black), a short terminal shield (black), interphase barriers (black), a long terminal shield (black), rotary handles (black and green), a standard auxiliary contact (grey), an MN undervoltage release (black), an MX shunt release (yellow and black), and a standard motor mechanism module (black).

Offer Marketing Illustration

Product benefits / Features

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**ComPacT NSX**  
Technical Benefits

- Nominal current: 16 to 630 A and 9 breaking capacities for the 2 sizes of circuit breakers
- 1, 2, 3, and 4 pole versions available
- Large range of electronic and thermal-magnetic protections
- Plug and ready wiring system and communicating accessories
- Integrated earth leakage protection via MicroLogic Vigi (earth leakage circuit breaker - ELCB)
- Advanced trip unit with integrated power metering: I, U, P, E, THD, f, CosPhi

Offer Marketing Illustration

Product benefits / Features

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## ComPacT NSX

### Moulded Case Circuit Breaker



**Protection begins with prevention**  
Designed to prevent an electrical fire through integrated earth leakage protection with preventive maintenance thanks to its Everlink power connections.



**Maximize power availability**  
By providing corrective, preventive, and predictive maintenance for asset management thanks to our advanced MicroLogic trip units.



**Connectivity**  
Designed to connect to EcoStruxure Power, an IoT-connected architecture for improving every aspect of your power distribution system.

