Descrizione del Prodotto

L'interruttore-sezionatore ABB OT63F4N2 (codice prodotto 1SCA105365R1001) è un dispositivo a 4 poli, operato frontalmente, montabile su base e su guida DIN. È progettato per fornire una disconnessione sicura e affidabile in applicazioni industriali. Il dispositivo è dotato di morsetti a vite protetti; maniglia e albero non sono inclusi. ([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Swit chgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm source=openai))

Specifiche Tecniche

- **Corrente Operativa Nominale AC-21A (Ie):**
- 380...415 V: 63 A
- 500 V: 63 A
- 690 V: 63 A

 $\label{lem:com} ([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm_source=openai))$

- **Corrente Operativa Nominale AC-22A (Ie):**
- 380...415 V: 63 A
- 500 V: 63 A
- 690 V: 63 A

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm_source=openai))

- **Corrente Operativa Nominale AC-23A (Ie):**

- 380...415 V: 63 A

- 500 V: 45 A - 690 V: 20 A

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm source=openai))

- **Potenza Operativa Nominale AC-23A (Pe):**

- 220...240 V: 11 kW

- 400...415 V: 22 kW

- 500 V: 22 kW

- 690 V: 15 kW

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm_source=openai))

- **Corrente Termica Nominale in Aria Libera (Ith):**
- $-\Theta = 40 \, ^{\circ}\text{C} : 63 \, \text{A}$

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm_source=openai))

- **Corrente Termica Convenzionale (Ithe):**
- Involucro Completo: 63 A

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-Poles/fourth-Poles/Fourth-Pol

poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm source=openai))

- **Tensione di Impulso Nominale (Uimp):**
- 8 kV

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm_source=openai))

- **Tensione di Isolamento Nominale (Ui):**
- Secondo IEC/EN 60664-1: 750 V

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm_source=openai))

- **Tensione Operativa Nominale:**
- Circuito Principale: 750 V

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm source=openai))

- **Capacità di Chiusura in Cortocircuito Nominale (Icm):**
- 690 V: 2.1 kA

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Swit

chgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca02245677410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca10536571001/part/263164?utm source=openai))

- **Corrente di Breve Durata Nominale (Icw):**
- Per 1 s: 1,5 kA

 $\label{lem:com} ([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm source=openai))$

- **Corrente di Cortocircuito Condizionale Nominale (Inc):**
- Fusibile 100 A, ≤415 V: 50 kA
- Fusibile 100 A, 500 V: 100 kA
- Fusibile 80 A, 690 V: 50 kA

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm_source=openai))

- **Perdita di Potenza:**
- A Condizioni Operative Nominali per Polo: 2,8 W ([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm source=openai))

- **Grado di Inquinamento:**
- 3

 $\label{lem:com} ([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm source=openai))$

- **Tipo di Maniglia:**
- Manopola (maniglia e albero non inclusi)

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm source=openai))

- **Posizione del Quarto Polo:**
- Lato Destro

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm_source=openai))

- **Tipo di Ouarto Polo:**
- Commutato Funzione Simultanea

 $\label{lem:com} ([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm source=openai))$

- **Meccanismo di Azionamento dell'Interruttore: **
- Meccanismo sulla Parte Superiore dell'Interruttore ([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022/456r7410/switchgear/switch fuses/as2001250 bs front operated switch

contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm_source=openai))

- **Distanza tra le Fasi:**
- Standard

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm source=openai))

- **Posizione dei Terminali di Linea:**
- Ingresso Superiore Uscita Inferiore
- Ingresso Inferiore Uscita Superiore

 $\label{lem:com} ([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm_source=openai))$

- **Modalità di Operazione:**
- Operato Frontalmente

 $\label{lem:com} ([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-$

mounted/1sca105365r1001/part/263164?utm source=openai))

- **Standard:**
- IEC 60947-3 / UL 508 / CSA C22.2 No. 14

 $\label{lem:com} ([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm source=openai))$

- **Funzioni Speciali:**
- Nessuna

 $\label{lem:com} ([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm source=openai))$

- **Tipo di Montaggio:**
- Montaggio su Base

 $\label{lem:com} ([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm_source=openai))$

- **Numero di Poli:**
- 4

 $\label{lem:com} ([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/os2001250-bs-f$

fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm source=openai))

- **Sezione del Cavo:**
- Cu 1,5...35 mm²

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm_source=openai))

- **Grado di Protezione:**
- Frontale IP20

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm_source=openai))

- **Tipo di Terminale:**
- Terminali a Vite

 $\label{lem:com} ([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm source=openai))$

- **Coppia di Serraggio:**
- Secondo IEC 60947-1: 2 N·m

([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-

contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm_source=openai))

- **Durata Meccanica:**
- 20.000 operazioni

 $\label{lem:com} ([electrika.com](https://www.electrika.com/catalogues/ABB-Switchgear-Products-Fuses/Switchgear/Switch-Disconnectors/Switch-Disconnectors-Accessories/Fourth-Poles/fourth-poles/fourth-poles-simultaneous-function-with-the-main-contacts/fourth-poles-simultaneous-function-with-the-main-contacts/switchgear/switch-fuses/auxiliary-contacts/1sca022456r7410/switchgear/switch-fuses/os2001250-bs-front-operated-switch-fuses/abb-switchgear-products-fuses/switch-disconnectors/ot16160-base-door-mounted/1sca105365r1001/part/263164?utm_source=openai))$

- **Tipo di Blocco:**
- Nessuno