



**Electric Automation**  
Automation specialists

Reference: OTDC32F3  
Code: 1SCA121459R1001

OTDC32F3 DC Switch-disconnector

Buy it at Electric Automation Network



Types OTDC16...32 include protected terminal clamps, IP 20. Shafts and handles need to be ordered separately. The type and the ordering numbers are for one piece.

### Ordering

|                         |               |
|-------------------------|---------------|
| EAN:                    | 6417019526140 |
| Minimum Order Quantity: | 1 piece       |
| Customs Tariff Number:  | 85365080      |

### Dimensions

|                     |         |
|---------------------|---------|
| Product Net Width:  | 52.5 mm |
| Product Net Height: | 89 mm   |
| Product Net Depth:  | 78 mm   |
| Product Net Weight: | 0.18 kg |

### Container Information

|                               |               |
|-------------------------------|---------------|
| Package Level 1 Units:        | 1 piece       |
| Package Level 1 Width:        | 64 mm         |
| Package Level 1 Height:       | 100 mm        |
| Package Level 1 Length:       | 100 mm        |
| Package Level 1 Gross Weight: | 0.2 kg        |
| Package Level 1 EAN:          | 6417019526140 |

### Environmental

|              |                                                                                       |
|--------------|---------------------------------------------------------------------------------------|
| RoHS Status: | Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2009 Q3 |
|--------------|---------------------------------------------------------------------------------------|

## Additional Information

|                                                           |                                              |
|-----------------------------------------------------------|----------------------------------------------|
| Cable Cross-Section:                                      | 2.5...16 mm <sup>2</sup>                     |
| Conventional Free-air Thermal Current (I <sub>th</sub> ): | q = 40 °C 45 A                               |
| Conventional Thermal Current (I <sub>the</sub> ):         | Fully Enclosed 45 A                          |
| Earthing Switch Type:                                     | No Additional Type                           |
| Handle Type:                                              | None                                         |
| IIT Publishing Status:                                    | Level 0 - Information enabled                |
| Includes:                                                 | None                                         |
| Mounting Type:                                            | Modular                                      |
| Number of Poles:                                          | 3                                            |
| Operating Mechanism:                                      | Mechanism on top of the switch               |
| Operating Mode:                                           | Front Operated                               |
| Pollution Degree:                                         | 3                                            |
| Position of Line Terminals:                               | Top In - Bottom Out                          |
| Power Loss:                                               | at Rated Operating Conditions per Pole 0.5 W |
| Product Main Type:                                        | OTDC32                                       |
| Product Name:                                             | DC Switch-disconnector                       |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ):      | 8 kV                                         |
| Rated Insulation Voltage (U <sub>i</sub> ):               | 1000 V                                       |
| Rated Operational Current DC-21B (I <sub>e</sub> ):       | (1000 V) 32 A                                |
| Rated Operational Voltage:                                | 1000 V                                       |
| Rated Short-time Withstand Current (I <sub>cw</sub> ):    | for 1 s 0.8 kiloampere rms                   |
| Special Functions:                                        | No                                           |
| Standards:                                                | IEC                                          |
| Terminal Type:                                            | Screw Terminals                              |

## Certificates and Declarations (Document Number)

|                                    |                 |
|------------------------------------|-----------------|
| Data Sheet, Technical Information: | 1SCC301021C0201 |
| Declaration of Conformity - CE:    | 1SCC340047D0201 |

## Classifications

|                             |                                |
|-----------------------------|--------------------------------|
| E-nummer:                   | 3134023                        |
| ETIM 5:                     | EC000216 - Switch disconnector |
| Object Classification Code: | Q                              |

