# OT100F4C

## General Information

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|---|---|
| **Extended Product Type:** | OT100F4C |
| **Product ID:** | 1SCA105019R1001 |
| **EAN:** | 6417019391502 |
| **Catalog Description:** | Manual change-over switch, I-O-II, open transition OT100F4C |
| **Long Description:** | Manual change-over switch, I-O-II -operation. Include terminal clamps, IP20. |

## Categories

Products » Low Voltage Products and Systems » Switches » Change-over and Transfer Switches » Manual Change-over Switches

## Ordering

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|---|---|
| **EAN:** | 6417019391502 |
| **Minimum Order Quantity:** | 1 piece |
| **Customs Tariff Number:** | 85365080 |

## Dimensions

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| **Product Net Width:** | 193 mm |
| **Product Net Height:** | 100 mm |
| **Product Net Depth:** | 86 mm |
| **Product Net Weight:** | 1.2 kg |

## Container Information

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|---|---|
| **Package Level 1 Units:** | 1 piece |
| **Package Level 1 Width:** | 102 mm |
| **Package Level 1 Height:** | 103 mm |
| **Package Level 1 Length:** | 205 mm |
| **Package Level 1 Gross Weight:** | 1.2 kg |
| **Package Level 1 EAN:** | 6417019391502 |

## Environmental

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| **RoHS Status:** | Planned to follow EU Directive 2002/95/EC August 18, 2005 and amendment after 2006-07-01 |

## Additional Information

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| **Cable Cross-Section:** | 10…70 mm² |
| **Conventional Free-air Thermal Current ($I_{th}$):** | q=40°C 115 A |
| **Conventional Thermal Current ($I_{the}$):** | Fully Enclosed 115 A |
| **IIT Publishing Status:** | Level 0 - Information enabled |
| **Number of Poles:** | 4 |
| **Operating Mechanism:** | Mechanism on top of the switch |
| **Pollution Degree:** | 3 |
| **Position of Line Terminals:** | Top in - bottom out |
| **Power Loss:** | Per Pole 4.0 W |
| **Product Main Type:** | OT125E_125F_C |
| **Product Name:** | Change-over switch |
| **Rated Impulse Withstand Voltage ($U_{imp}$):** | 8 kV |
| **Rated Insulation Voltage ($U_i$):** | 750 V |
| **Rated Operational Current AC-21A ($I_e$):** | (380 ... 415V) 100 A<br>(690V) 100 A<br>(500V) 100 A |
| **Rated Operational Current AC-22A ($I_e$):** | (380 ... 415 V) 100 A<br>(500 V) 100 A<br>(690 V) 100 A |
| **Rated Operational Current AC-23A ($I_e$):** | (380 ... 415 V) 80 A<br>(500 V) 60 A<br>(690 V) 40 A |
| **Rated Operational Power AC-23A ($P_e$):** | (220 ... 240V) 22 kW<br>(400V) 37 kW<br>(415V) 37 kW<br>(500V) 37 kW<br>(690V) 37 kW |
| **Rated Operational Voltage ($U_e$):** | 750 V |
| **Rated Short-time Withstand Current ($I_{cw}$):** | for 1.0s 2.5 kiloampere rms |

## Certificates and Declarations (Document Number)

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|---|---|
| **Declaration of Conformity - CE:** | 1SCC303021D0201 |

## Classifications

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|---|---|
| **Object Classification Code:** | Q |