

# OC25G08PNBN00NST42



Products → Low Voltage Products and Systems → Switches → Cam Switches

## General Information

|                               |  |
|-------------------------------|--|
| <b>Extended Product Type:</b> | OC25G08PNBN00NST42   |
| <b>Product ID:</b>            | 1SCA126598R1001  |
| <b>EAN:</b>                   | 6417019565682  |
| <b>Catalog Description:</b>   | OC25G08PNBN00NST42 Cam switch  |
| <b>Long Description:</b>      | OC25 Cam switch, I <sub>th</sub> =25A, Multi-Step, 8-contacts, Snap-on door mounting, Black Basic handle. Black handle and frontplate with standard text are included. Special engraved frontplates to be ordered as separate items. |

## Ordering

|                                |          |
|--------------------------------|----------|
| <b>Minimum Order Quantity:</b> | 1 piece  |
| <b>Customs Tariff Number:</b>  | 85365080 |

## Popular Downloads

|   |                 |
|---|-----------------|
| <b>Data Sheet, Technical Information:</b> | 1SCC302009C0201 |
| <b>Instructions and Manuals:</b>          | 1SCC302013F0006 |
| <b>Wiring Diagram:</b>                    | 1SCC302014M0201 |

## Dimensions

|                                    |         |
|------------------------------------|---------|
| <b>Product Net Width:</b>          | 51 mm   |
| <b>Product Net Height:</b>         | 51 mm   |
| <b>Product Net Depth / Length:</b> | 119 mm  |
| <b>Product Net Weight:</b>         | 0.16 kg |

## Technical

|  |  |
|--|--|
| <b>Rated Operational Current AC-22A (I<sub>e</sub>):</b>       | (500 V) 20 A<br>(690 V) 20 A   |
| <b>Rated Operational Current AC-23A (I<sub>e</sub>):</b>       | (690 V) Three Phase 5.9 A<br>(500 V) Three Phase 8.1 A<br>(230 V) Three Phase 15 A<br>(400 V) Three Phase 15 A       |
| <b>Rated Operational Power AC-23A (P<sub>e</sub>):</b>         | (690 V) Three Phase 4.8 kW<br>(500 V) Three Phase 4.8 kW<br>(230 V) Three Phase 2.6 kW<br>(400 V) Three Phase 7.5 kW |
| <b>Conventional Free-air Thermal Current (I<sub>th</sub>):</b> | q = 40 °C 25 A   |
| <b>Conventional Thermal Current (I<sub>the</sub>):</b>         | Fully Enclosed 25 A  |

|   |   |
|---|---|
| <b>Rated Continuous Thermal Current:</b>                    | 25 A  |
| <b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>   | 4 kV  |
| <b>Rated Insulation Voltage (U<sub>i</sub>):</b>            | 690 V   |
| <b>Rated Operational Voltage:</b>                           | 690 V   |
| <b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b> | for 1 s 0.3 kA<br>for 3 s 0.173 kA  |
| <b>Power Loss:</b>  | 1.8 W   |
| <b>Pollution Degree:</b>                                    | 3   |
| <b>Handle Type:</b>   | Basic handle  |
| <b>Special Functions:</b>                                   | Multistep switch: 4-step, without 0-position, step angle 30°, front plate 1-2-3-4 |
| <b>Color:</b>   | Black   |
| <b>Mounting Type:</b>                                       | Snap-on door mounting   |
| <b>Number of Contacts:</b>                                  | 8   |
| <b>Number of Poles:</b>                                     | 2   |
| <b>Terminal Type:</b>                                       | Screw Terminals   |

## Technical UL/CSA

**Ampere Rating UL/CSA:** 600 V AC 25 A

## Certificates and Declarations (Document Number)

**Declaration of Conformity - CE:** 1SCC302005D0201

**Instructions and Manuals:** 1SCC302013F0006

## Container Information

**Package Level 1 Units:** 1 piece

**Package Level 1 Width:** 70 mm

**Package Level 1 Depth / Length:** 158 mm

**Package Level 1 Height:** 70 mm

**Package Level 1 Gross Weight:** 0.16 kg

**Package Level 1 EAN:** 6417019565682

## Classifications

**Object Classification Code:** Q

**ETIM 5:** EC002611 - Control switch

**ETIM 6:** EC002611 - Control switch

**ETIM 7:** EC002611 - Control switch

