PRODUCT-DETAILS

# S804PV-SP100

## Int.aut. S804PV-SP100 4p 100A 5kA



### Información General

| | |
|---|---|
| Extended Product Type | S804PV-SP100 |
| Product ID | 2CCF019632R0001 |
| EAN | 7612271471897 |
| Catalog Description | Int.aut. S804PV-SP100 4p 100A 5kA |
| Long Description | The S804PV-SP100 is a 4-pole High Performance Circuit breaker for photovoltaics (DC) with B-characteristic, with cage terminal and a rated current of 100 A. It is a current limiting device with a maximum breaking capacity of 5kA at 1500V. It can be used for voltages up to 1500V DC. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S804PV-SP100 complies with IEC/EN 60947-2 and allows the use for industrial applications. It has numerous of approvals, therefore it can be used worldwide. The extensive range of accessory makes the use of S804PV-SP100 more comfortable. Due to the fast arc extinction of S804PV-SP100 your application will be secured. |

### Technical

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|---|---|
| Standards | IEC/EN 60947-2 |
| Number of Poles | 4 |
| Number of Protected Poles | 4 |
| Tripping Characteristic | B |
| Rated Current ($I_n$) | 100 A |
| Rated Operational Voltage | 1500 V DC |
| Power Loss | 32 W<br>at Rated Operating Conditions per Pole 8 W |

| | |
|---|---|
| Rated Insulation Voltage ($U_i$) | 1500 V |
| Rated Short-Circuit Capacity ($I_{cn}$) | (400 V) 5 kA<br>(230 V) 5 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ($I_{cu}$) | (1500 V DC) 5 kA |
| Rated Service Short-Circuit Breaking Capacity ($I_{cs}$) | (1500 V DC) 5 kA |
| Energy Limiting Class | 3 |
| Overvoltage Category | III |
| Pollution Degree | 2 |
| Rated Impulse Withstand Voltage ($U_{imp}$) | 8 kV |
| Degree of Protection | IP20 |
| Connecting Capacity | Rigid 0 ... 50 mm²<br>Flexible 0 ... 70 mm² |
| Built-In Depth ($t_2$) | 111 mm |

## Ambiente

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|---|---|
| Ambient Air Temperature | Funcionamiento -25...60 °C |
| RoHS Status | Following EU Directive 2011/65/EU |

## Dimensiones

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| Product Net Width | 106 mm |
| Product Net Depth / Length | 82.5 mm |
| Product Net Height | 95 mm |
| Product Net Weight | 980 g |

## Información de Embalaje

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|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 105 mm |
| Package Level 1 Depth / Length | 111 mm |
| Package Level 1 Height | 99 mm |
| Package Level 1 Gross Weight | 1010 g |
| Package Level 1 EAN | 7612271471897 |

## Clasificación

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|---|---|
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85352120 |

## Certificados y Declaraciones (Número de Documento)

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|---|---|
| Declaration of Conformity - CE | 2CCC413058D0201 |
| Environmental Information | 2CCY413207D0203 |
| Instructions and | 2CCC413016M0008 |

| Manuals | |
|---|---|
| RoHS Information | 2CCC413058D0201<br>9AKK107680A3903 |

## Descargas Populares

| | |
|---|---|
| Data Sheet, Technical Information | 2CCC413003C0208 |
| Instructions and Manuals | 2CCC413016M0008 |

## Clasificaciones

| | |
|---|---|
| Object Classification Code | F |
| ETIM 6 | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 7 | EC000042 - Miniature circuit breaker (MCB) |

## Categorias

Productos y sistemas de baja tensión → Aparatos modulares de instalación → Interruptores automáticos alto rendimiento HPCBs

