# S803HV-SCL32-SR

# S803HV-SCL32-SR Self-Resetting Short-Circuit Limiter



## General Information

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|---|---|
| Extended Product Type | S803HV-SCL32-SR |
| Product ID | 2CCF019047R0001 |
| EAN | 7612271474171 |
| Catalog Description | S803HV-SCL32-SR Self-Resetting Short-Circuit Limiter |
| Long Description | The S803HV-SCL32-SR is a self-resetting short-circuit limiter. It provides full selectivity for the downstream S803HV-K High Performance MCBs. In the event of a downstream short circuit, the S803HV-SCL-SR will react selective to the group of S803HV-K MCBs, and only the faulty circuit will trip, while all other branches in the group protection remain operative. After the downstream device has tripped, the limiter contacts re-close automatically. In combination of S803HV-SCL-SR and S803HV-K the maximum breaking capacity is 15kA at 1000V AC. |

## Technical

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| Standards | IEC/EN 60947-2 |
| Suitable For | S800HV |
| Rated Operational Voltage | 1000...1000 V |
| Rated Insulation Voltage ($U_i$) | 1000 V AC |
| Rated Impulse Withstand Voltage ($U_{imp}$) | 8 kV |
| Rated Operational Current ($I_e$) | 32 A |
| Rated Short-time Withstand Current Low Voltage ($I_{cw}$) | 1.5 kA |
| Rated Uninterrupted | 32 A |

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|---|---|
| Current ($I_u$) | |
| Rated Frequency (f) | 50...60 Hz |
| Power Loss | 10.8 W<br>at Rated Operating Conditions per Pole 3.6 W |
| Number of Poles | 3 |
| Tightening Torque | 3.5 N·m |
| Housing Material | Insulation group I, RAL 7035 |
| Mounting on DIN Rail | TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715<br>TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 |
| Mounting Position | Any |
| Recommended Screw Driver | Pozidriv 2 |
| Control Element Color | Black |
| Connecting Capacity | Flexible 1 ... 50 mm²<br>Stranded 1 ... 70 mm² |
| Terminal Type | Screw Terminals |

## Environmental

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| Ambient Air Temperature | Operation -25 ... +60 °C<br>Storage -40 ... +70 °C |
| Degree of Protection | IP20 |
| RoHS Status | Following EU Directive 2011/65/EU |
| RoHS Information | 2CCC413015D0601<br>9AKK107680A3903 |
| Environmental Information | 2CCY413207D0203 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363 |

## Dimensions

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| Product Net Width | 81 mm |
| Product Net Height | 142 mm |
| Product Net Depth / Length | 82.5 mm |
| Product Net Weight | 770 g |

## Ordering

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| Minimum Order Quantity | 1 piece |
| Package Level 1 Units | box 1 piece |
| Package Level 1 Gross Weight | 810 g |

## Certificates and Declarations

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|---|---|
| Declaration of Conformity - CE | 2CCC413015D0601 |

## Installation

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| Instructions and Manuals | 9AKK106930A3418 |

## Popular Downloads

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|---|---|
| Data Sheet, Technical Information | 2CCC413003C0208 |

## Classifications

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|---|---|
| ETIM 8 | EC000216 - Switch disconnector |
| ETIM 9 | EC000216 - Switch disconnector (low voltage) |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B | Business To Business |
| CN8 | 85362020 |
| eClass | V11.0 : 27371403 |
| Object Classification Code | F |

## Categories

Low Voltage Products and Systems → Modular DIN Rail Products → High Performance Circuit Breakers HPCBs → High Performance Circuit Breakers HPCBs Accessories



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