



PRODUCT-DETAILS

# BMSW3C40

## BMSW3C40 Miniature Circuit Breaker C-Char; 6kA; 40A; 3P



| General Information   |                                                                                                                                                                                                                      |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | BMSW3C40                                                                                                                                                                                                             |
| Product ID            | 1SYS653062R0404                                                                                                                                                                                                      |
| EAN                   | 8906176430608                                                                                                                                                                                                        |
| Catalog Description   | BMSW3C40 Miniature Circuit Breaker C-Char; 6kA; 40A; 3P                                                                                                                                                              |
| Long Description      | The MCB 6kA BMSW3C40 provides overcurrent and short-circuit protection for household and similar installations. This product is manufactured according to IEC Standards for the <u>markets where it is required.</u> |

| Technical                |                                          |
|--------------------------|------------------------------------------|
| Energy Limiting Class    | 3                                        |
| Electrical Endurance     | 10000 cycle                              |
| Mechanical Endurance     | 10000 cycle                              |
| Number of Poles          | 3P                                       |
| Recommended Screw Driver | Pozidriv 2                               |
| Connecting Capacity      | Flexible 35 mm²<br>Flexible Solid:25 mm² |

|                                                     |          |
|-----------------------------------------------------|----------|
| <b>Electrical</b>                                   |          |
| Tripping Characteristic                             | C        |
| Rated Voltage (U <sub>r</sub> )                     | 400 V    |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 4 kV     |
| Rated Current (I <sub>n</sub> )                     | 40 A     |
| Rated Short-Circuit Capacity                        | 6 kA     |
| Rated Frequency (f)                                 | 50/60 Hz |

|                                             |                                                                      |
|---------------------------------------------|----------------------------------------------------------------------|
| <b>Material Compliance</b>                  |                                                                      |
| RoHS Information                            | No declaration needed                                                |
| REACH Information                           | No data - If REACH inform is not yet available for a certain product |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                                                      |
| WEEE Category                               | Product Not in WEEE Scope                                            |

|                         |                          |
|-------------------------|--------------------------|
| <b>Environmental</b>    |                          |
| Ambient Air Temperature | Operation -25 ... +55 °C |
| Degree of Protection    | IP20                     |
| Pollution Degree        | 2                        |

|                            |          |
|----------------------------|----------|
| <b>Dimensions</b>          |          |
| Product Net Width          | 52.2 mm  |
| Product Net Height         | 88.5 mm  |
| Product Net Depth / Length | 74.8 mm  |
| Product Net Weight         | 0.331 kg |

|                              |             |
|------------------------------|-------------|
| <b>Ordering</b>              |             |
| Package Level 1 Units        | box 1 piece |
| Package Level 1 Gross Weight | 351 g       |

|                                      |                 |
|--------------------------------------|-----------------|
| <b>Certificates and Declarations</b> |                 |
| Declaration of Conformity - CE       | 9AKK108469A0980 |

|                                   |                 |
|-----------------------------------|-----------------|
| <b>Popular Downloads</b>          |                 |
| Data Sheet, Technical Information | 9AKK108469A4847 |

|                                               |                                            |
|-----------------------------------------------|--------------------------------------------|
| <b>External Classifications and Standards</b> |                                            |
| ETIM 9                                        | EC000042 - Miniature circuit breaker (MCB) |
| ETIM 10                                       | EC000042 - Miniature circuit breaker (MCB) |

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## Categories

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Low Voltage Products and Systems → Modular DIN Rail Products → Formula Din Rail → Miniature Circuit Breakers, Formula Din Rail

