



PRODUCT-DETAILS

# BMSW3C20

## BMSW3C20 Miniature Circuit Breaker C-Char; 6kA; 20A; 3P



| General Information   |                                                                                                                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | BMSW3C20                                                                                                                                                                                                      |
| Product ID            | 1SYS653062R0204                                                                                                                                                                                               |
| EAN                   | 8906176430578                                                                                                                                                                                                 |
| Catalog Description   | BMSW3C20 Miniature Circuit Breaker C-Char; 6kA; 20A; 3P                                                                                                                                                       |
| Long Description      | The MCB 6kA BMSW3C20 provides overcurrent and short-circuit protection for household and similar installations. This product is manufactured according to IEC Standards for the markets where it is required. |

| Technical                |                                          |
|--------------------------|------------------------------------------|
| Energy Limiting Class    | 3                                        |
| Electrical Endurance     | 20000 cycle                              |
| Mechanical Endurance     | 20000 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<br>Withstand Voltage (U <sub>imp</sub><br>) | 4 kV     |
| Rated Current (I <sub>n</sub> )                           | 20 A     |
| Rated Short-Circuit<br>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<br>Reporting Template<br>(CMRT) | 9AKK108468A3363                                                      |
| WEEE Category                                     | Product Not in WEEE Scope                                            |

|                            |                          |
|----------------------------|--------------------------|
| <b>Environmental</b>       |                          |
| Ambient Air<br>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 /<br>Length | 74.8 mm  |
| Product Net Weight            | 0.304 kg |

|                                 |             |
|---------------------------------|-------------|
| <b>Ordering</b>                 |             |
| Package Level 1 Units           | box 1 piece |
| Package Level 1 Gross<br>Weight | 324 g       |

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

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

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

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

