



GS1JB4 has not been replaced. Please contact your customer care center for more information.

ⓘ Discontinued

### Main

|  |   |
|--|---|
| Range of product   | TeSys GS                                |
| Device short name  | GS1 J                                   |
| Fuse type  | BS                                      |
| Fuse size  | Ø 31 mm                                 |
| Product or component type                                | Fuse switch disconnector body           |
| Poles description  | 4P                                      |
| Network type   | AC<br>DC                                |
| Type of operating handle                                 | External frontal<br>External right side |
| [I <sub>th</sub> ] conventional free air thermal current | 100 A at 104 °F (40 °C)                 |

### Complementary

|  |  |
|--|--|
| Network frequency                                      | 50/60 Hz   |
| Mounting support                                       | Plate<br>Rail  |
| [U <sub>i</sub> ] rated insulation voltage             | 750 V AC 50/60 Hz  |
| [U <sub>imp</sub> ] rated impulse withstand voltage    | 8 kV   |
| Short-circuit withstand                                | 80 kA  |
| [I <sub>e</sub> ] rated operational current            | 100 A at 400 V AC-23A<br>100 A at 400 V AC-23B<br>100 A at 440 V 2 poles in series per phase DC-23A<br>100 A at 440 V 2 poles in series per phase DC-23B<br>100 A at 500 V AC-23A<br>100 A at 500 V AC-23B<br>100 A at 690 V with terminal cover AC-23A<br>100 A at 690 V with terminal cover AC-23B |
| Rated operational power in W                           | 51 kW at 400 V AC-23A<br>51 kW at 400 V AC-23B<br>63 kW at 500 V AC-23A<br>63 kW at 500 V AC-23B<br>At 690 V AC-23A<br>At 690 V AC-23B   |
| Making capacity  | 1000 A at 400 V (AC-23B)   |
| [I <sub>cm</sub> ] rated short-circuit making capacity | 100 kA at 400 V with protection by BS fuses<br>100 kA rating of associated fuses   |

|                         |  |
|-------------------------|--|
| Breaking capacity       | 800 A at 400 V AC-23B  |
| Mechanical durability   | 10000 cycles   |
| Electrical durability   | 1500 cycles on AC-23A<br>1500 cycles on AC-23B<br>300 cycles on DC-23A<br>300 cycles on DC-23B   |
| Connections - terminals | Power circuit: screw terminals cable 0.04...0.15 in <sup>2</sup> (25...95 mm <sup>2</sup> ) - cable stiffness: flexible<br>Power circuit: bars |
| Tightening torque       | Power circuit: 106.19 lbf.in (12 N.m) - on bars<br>Control circuit: 106.19 lbf.in (12 N.m) - on screw terminals                                |
| Height                  | 6.38 in (162 mm)   |
| Width                   | 7.24 in (184 mm)   |
| Depth                   | 4.19 in (106.5 mm)   |
| Product weight          | 4.41 lb(US) (2 kg)   |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | IEC 60269-1<br>IEC 60269-2<br>IEC 60947-3  |
| Product certifications                | ASEFA<br>LOVAG<br>LROS (Lloyds register of shipping)   |
| Protective treatment                  | TH   |
| IP degree of protection               | IP20 with terminal cover conforming to IEC 60529   |
| Ambient air temperature for operation | -4...158 °F (-20...70 °C)  |
| Fire resistance                       | 1760 °F (960 °C) body conforming to IEC 60695-2-1<br>1562 °F (850 °C) fuse cover conforming to IEC 60695-2-1 |

## Ordering and shipping details

|                       |   |
|-----------------------|---|
| Category              | 18402 - WORLD SERVICE PARTS(CONTROL ACCESS) |
| Discount Schedule     | CP10  |
| Nbr. of units in pkg. | 1   |
| Package weight(Lbs)   | 0   |
| Returnability         | N   |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|