# IE-EBR-MODULE-RS232-ALM

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Module for saving and loading a device configuration

- Reduce system downtime by simple reconfiguration in case of replacing devices
- 2 storage spaces selectable via DIP switch
- Compact, rugged, reliable design
- For use with switches of Advanced- and SubstationLine

## General ordering data

| | |
|---|---|
| Version | Configuration backup and restore module, IP40, -10 °C...60 °C |
| Order No. | 2682610000 |
| Type | IE-EBR-MODULE-RS232-ALM |
| GTIN (EAN) | 4050118692105 |
| Qty. | 1 items |

# IE-EBR-MODULE-RS232-ALM

## Technical data

### Approvals

| | |
|---|---|
| Approvals | CE  cULus LISTED  UKCA |
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E141197 |

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 90.25 mm | Depth (inches) | 3.5531 inch |
| Height | 14.5 mm | Height (inches) | 0.5709 inch |
| Width | 32 mm | Width (inches) | 1.2598 inch |
| Net weight | 118 g | | |

### Temperatures

| | | | |
|---|---|---|---|
| Storage temperature | -40 °C...85 °C | Operating temperature | -10 °C...60 °C |
| Humidity | 5 to 95 % (non-condensing) | | |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 7a, 7cl |
| REACH SVHC | Lead 7439-92-1, Lead monoxide 1317-36-8 |
| SCIP | 9229992a-00b9-4096-8962-200a7f33e289 |

### EMC conformity and approvals

| | | | |
|---|---|---|---|
| Free fall | According to IEC 60068-2-31 | EMC standards | EN 55032, EN 55024, FCC Part 15 Subpart B Class A, IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV, IEC 61000-4-3 RS: 80 MHz bis 1 Ghz: 3 V/m |
| Vibration | according to IEC 60068-2-6 | Shock | according to IEC 60068-2-27 |
| Safety standard | UL 61010-1, UL 61010-2-201 | | |

### Environmental conditions

| | | | |
|---|---|---|---|
| Operating temperature, max. | 60 °C | Operating temperature, min. | -10 °C |
| Humidity | 5 to 95 % (non-condensing) | Storage temperature, max. | 85 °C |
| Storage temperature, min. | -40 °C | Operating altitude | ≤ 2000 m |

### Guarantee

| | |
|---|---|
| Time interval | 3 years |

### Interfaces

| | | | |
|---|---|---|---|
| Function DIP switch | 1x for selection of the configuration storage | LED indicator | power, data transmitting, transmission status |

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Catalogue status / Drawings

# IE-EBR-MODULE-RS232-ALM

## Technical data

| | | | |
|---|---|---|---|
| | space (A or B), 1x for selection between upload or download of a configuration | | |
| Function start button | Starts the upload or download of a configuration | | |

### MTBF

| | | |
|---|---|---|
| MTBF | According to Standard | Telcordia SR-332 |
| | Operating time (hours), min. | 6645051 h |

### Power supply

| | | |
|---|---|---|
| Supply voltage | 5 V DC (via RS-232 RTS signal of serial console port) | |
| Connection type | RJ45 | |
| Current consumption | Voltage | 5 V |
| | Current | 0.14 A |

### Technical data

| | | | |
|---|---|---|---|
| Cable length | 210 mm | Housing main material | PC molding |
| Protection degree | IP40 | | |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 8.0 | EC001068 | ETIM 9.0 | EC001068 |
| ETIM 10.0 | EC001068 | ECLASS 14.0 | 19-17-03-04 |
| ECLASS 15.0 | 19-17-03-04 | | |