BCM.1 module

- Automated monitoring of up to four battery arrays
- Temperature-controlled charging control of up to 32 charging modules
- Automated monitoring of each charging module via the CCB bus with individual error warnings via the TFT touch display
- LED display indicating ready, boost charge, charging malfunction and insulation defect
- Individual indication of isolation faults per circuit
- Automatic monitoring of isolation measuring device
- Alternating charging regulation during trickle charging and more than one charging module
- Relay contacts for forwarding of disruption, boost charging and insulation defect
- All module connections are wired to a three level tension-spring installation terminal
- Simple, time-saving snap-on click installation on device rack
- Meets all EMV requirements for industrial and commercial use
- DEKRA system certification documents product quality and compliance with standards for the entire system
- Conforms to RoHS and REACH

### Degree of protection
- IP20

### Protection class
- II

### Ambient temperature range
- -5°C – +55°C

### Relative humidity
- 10% – 95%, non-condensing

### Air pressure
- 795…1080 hPa

### Pollution level
- 2

### Electromagnetic compatibility
- Industrial EN 61000-6-2, Commercial EN 61000-6-3

### Order details

<table>
<thead>
<tr>
<th>Model</th>
<th>Included with delivery</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCM.1 module</td>
<td>Battery control module for component rack installation</td>
<td>40071361540</td>
</tr>
</tbody>
</table>

---

HMI

ACU

BCM.1

Strang 1

Strang 2

Strang 3

Strang 4