

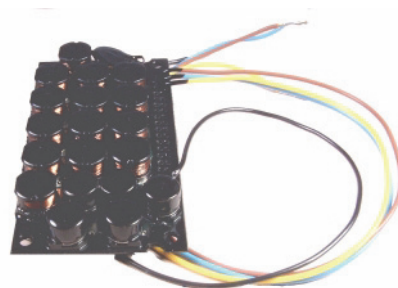
## AS-i Circuit Board Power Supply Module

Circuit Board Power Supply out of AS-i

$U_{aux}$  out of AS-i

1,5 A max. (by approx. 24 V)

Help energy out of AS-i



Article no. BW1485

With the help of the Circuit Board Power Supply Module it is possible to take out up to 1,5 A current (by approx. 24 V) out of AS-i. The help energy can be used for supply of valves or other consumers.

Every time if there is no additional help energy for supply available for example in moved parts, in robots or by far away locations in a plant, it is possible to take out the help energy out of AS-i with the help of the Circuit Board Power Supply Module. With help of the Circuit Board Power Supply Module it is possible to cut of conducting additional 24 V help energy to bad accessible places.

The Circuit Board Power Supply Module occupies no slave addresses. But the module loads the AS-i circuit with the impedance of 7 AS-i slaves (single slaves). Therefore the maximum account of slaves is restricted. According AS-i specification it is allowed to operate only up to 24 single or 48 AB-slaves in connection with a Circuit Board Power Supply Module at an AS-i rope. The Circuit Board Power Supply Module is short circuit protected. For protection against dust and humidity the module is varnished.

| Article no.                          | BW1485  |
|--------------------------------------|---|
| Connection                           | via fastened line                                   |
| $U_{aux}$                            | 20 ... 30 V DC                                      |
| Loading capacity                     | 1,5 A   |
| EMC directions                       | EN 50081-2, EN 50082-2                              |
| Operating temperature                | -25 °C ... +70 °C                                   |
| Storage temperature                  | -25 °C ... +70 °C                                   |
| Protection category EN 60529         | IP00  |
| Allowable shock and vibration stress | ≤ 15 g, T ≤ 11 ms<br>10 ... 55 Hz, 0,5 mm amplitude |
| Dimensions (L, W, H)                 | 73 mm, 37,5 mm, 7 mm                                |

