

## **EMPARRO CAP BUFFER MODULE**

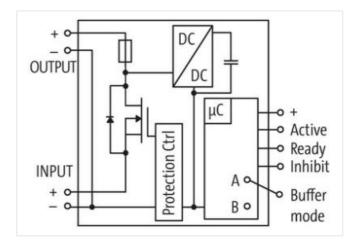
IN:47-56 VDC OUT: 46-56VDC/20A for 100ms

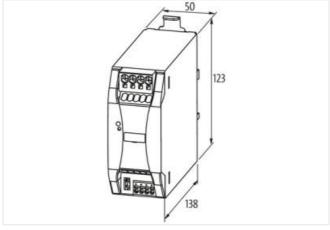
INPUT: 48 V DC (SELV/PELV) OUTPUT: max. 20 A 0.1 s (20 A); 2 s (1 A)

## Link to Product

Illustration







Product may differ from Image



| ECLASS-6.0  | 27049190 |  |
|-------------|----------|--|
| ECLASS-6.1  | 27049002 |  |
| ECLASS-7.0  | 27049002 |  |
| ECLASS-8.0  | 27049002 |  |
| ECLASS-9.0  | 27040705 |  |
| ECLASS-10.1 | 27040705 |  |

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| ECLASS-11.1                              | 27040705                       |
|--|--------------------------------|
| ECLASS-12.0                              | 27040705                       |
| ETIM-5.0                                 | EC002584                       |
| customs tariff number                    | 85322200                       |
| GTIN                                     | 4048879478120                  |
| Packaging unit                           | 1                              |
| Electrical data                          |                                |
| Parallel connection                      | yes                            |
| Security level                           | SELV/PELV                      |
| Electrical data   Input                  |                                |
| Input voltage DC min.                    | 46 V                           |
| Input voltage DC max.                    | 56 V                           |
| Charging current max.                    | 0,5 A                          |
| Charging time min.                       | 20 s                           |
| Charging time max.                       | 45 s                           |
| Protection against voltage peaks DC max. | 72 V                           |
| Efficiency                               | 99 %                           |
| Electrical data   Output                 |                                |
|  |                                |
| Output voltage DC                        | 48 V                           |
| Output voltage DC min.                   | 46 V                           |
| Output voltage DC max.                   | 56 V                           |
| Output voltage adjustable                | yes                            |
| Output current buffer operation          | 26 A                           |
| Output current max.                      | 20 A                           |
| Ripple (s-s) max.                        | 200 mV                         |
| Mechanical data   Mounting data          |                                |
| Mounting method                          | geschnappt                     |
| Suitable for mounting type               | Mounting rail TH35, (EN 60715) |
| Height                                   | 123 mm                         |
| Width                                    | 50 mm                          |
| Depth                                    | 138 mm                         |
| Environmental characteristics   Climatic |                                |
| Operating temperature min.               | -25 °C                         |
| Operating temperature max.               | 70 °C                          |
| Derating from                            | 70 °C                          |
| Storage temperature min.                 | -40 °C                         |
| Storage temperature max.                 | 85 °C                          |
| Conformity                               |                                |
| EMC                                      | EN 55022 B                     |
| Connection type 2                        |                                |
| Connection type 1                        | Input / Output                 |
| Connection                               | Spring clamp terminals FK      |
| Family construction form                 | terminal                       |
| Gender                                   | female                         |
| Color contact carrier                    | green                          |
| No. of poles                             | 4                              |
| PIN 1                                    | - In DC                        |
| PIN 2                                    | + In DC                        |
| PIN 3                                    | - Out                          |
| PIN 4                                    | - Out                          |
| Connection                               | Spring clamp terminals FK      |
|  |                                |

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| Family construction form | terminal |  |
|--------------------------|----------|--|
| Gender                   | female   |  |
| Color contact carrier    | green    |  |
| No. of poles             | 4        |  |
| PIN 1                    | +        |  |
| PIN 2                    | A        |  |
| PIN 3                    | R        |  |
| PIN 4                    | l        |  |

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