

## FBCON SS PCG 4WAY LIMITER

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



For standard industrial applications (non-hazardous areas), PROFIBUS PA junction boxes and limiters are available as 1-way, 2-way, 4-way, and 8-way distributors. FBCon limiters are designed to protect connected field devices from over voltages and short circuits. As voltage-limiting protective elements, suppressor diodes are used. Due to the integrated current limitation, the segment is also protected against short circuit on a spur line. EMC cable glands, protection class IP66 and a wide operating temperature range safely protect your connections in harsh environments.

### Functionality

- EMC cable glands for trunk and spurs
- M12 connector for spurs
- External earthing stud
- Pressure equalizing element
- Protection class IP66
- Aluminium and stainless-steel versions
- Profibus PA / Foundation Fieldbus compatible

Note: The use of FBCon products with aluminum enclosures and / or M12 connectors is not recommended in strongly saline environments.

### General ordering data

|            |                                                                                 |
|------------|---------------------------------------------------------------------------------|
| Version    | Standard distributor with current limiting, 4-channel distributor LIMITER, IP66 |
| Order No.  | <a href="#">8715260000</a>                                                      |
| Type       | FBCON SS PCG 4WAY LIMITER                                                       |
| GTIN (EAN) | 4032248405237                                                                   |
| Qty.       | 1 pc(s).                                                                        |

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## Technical data

## Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Height     | 58 mm  | Height (inches) | 2.283 inch |
| Width      | 80 mm  | Width (inches)  | 3.15 inch  |
| Length     | 125 mm | Length (inches) | 4.921 inch |
| Net weight | 745 g  |                 |            |

## Temperatures

|                     |                |                       |                |
|---------------------|----------------|-----------------------|----------------|
| Storage temperature | -40 °C...80 °C | Operating temperature | -40 °C...55 °C |
|---------------------|----------------|-----------------------|----------------|

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## Technical properties

|                                     |                    |                   |      |
|-------------------------------------|--------------------|-------------------|------|
| Operating voltage $U_{\max}$ , max. | 18 V DC $\pm 20\%$ | Protection degree | IP66 |
|-------------------------------------|--------------------|-------------------|------|

## Technical data

|                                     |                                  |                       |                                         |
|-------------------------------------|----------------------------------|-----------------------|-----------------------------------------|
| Bus system                          | Profibus-PA, Foundation Fieldbus | Cable entry           | plastic screwed cable gland             |
| Conductor O.D.                      | -                                | Connection type PE    | all connectors with plastic cable gland |
| Current limiting                    | adjustable, 20 mA, 40 mA, 60 mA  | Housing main material | Stainless steel, rust-proof             |
| Operating voltage $U_{\max}$ , max. | 18 V DC $\pm 20\%$               | Type of distribution  | 4-channel distributor LIMITER           |
| Type of mounting                    | surface-mounted                  | Colour                | Miscellaneous                           |
| Housing main material               | Stainless steel, rust-proof      | Protection degree     | IP66                                    |
| Type of mounting                    | surface-mounted                  |                       |                                         |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001604    | ETIM 7.0    | EC001604    |
| ETIM 8.0    | EC001604    | ECLASS 9.0  | 27-24-26-08 |
| ECLASS 9.1  | 27-24-26-08 | ECLASS 10.0 | 27-24-26-08 |
| ECLASS 11.0 | 27-24-26-08 |             |             |

## Approvals

Approvals



ROHS

Conform

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## Technical data

### Downloads

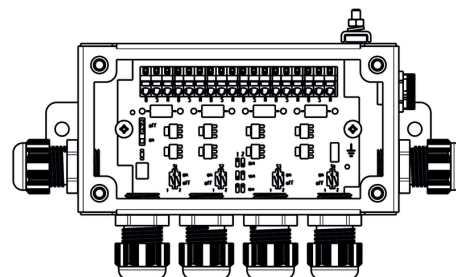
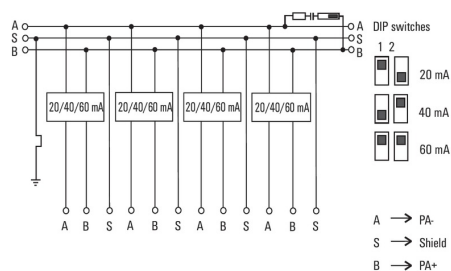
|                                             |                                                                                                                                                                  |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Certification EAC</a><br><a href="#">Certification UL</a><br><a href="#">Declaration of Conformity.pdf</a>                                           |
| Software                                    | <a href="#">Software unit – WI-Segment-Calculator</a>                                                                                                            |
| User Documentation                          | <a href="#">assembly instruction german / english</a><br><a href="#">Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                                                                         |
| Brochures                                   |                                                                                                                                                                  |

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## Drawings



# Mouser Electronics

Authorized Distributor

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