

## Field bus components

### FBCON PA CG 1WAY LIMITER

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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

|            |                                                                                 |
|------------|---------------------------------------------------------------------------------|
| Type       | FBCON PA CG 1WAY LIMITER                                                        |
| Order No.  | <a href="#">8714200000</a>                                                      |
| Version    | Standard distributor with current limiting, 1-channel distributor LIMITER, IP66 |
| GTIN (EAN) | 4032248398287                                                                   |
| Qty.       | 1 pc(s).                                                                        |

## Field bus components

### FBCON PA CG 1WAY LIMITER

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

### Dimensions and weights

|            |       |                 |            |
|------------|-------|-----------------|------------|
| Length     | 64 mm | Length (inches) | 2.52 inch  |
| Width      | 58 mm | Width (inches)  | 2.283 inch |
| Height     | 36 mm | Height (inches) | 1.417 inch |
| Net weight | 266 g |                 |            |

### Temperatures

|                             |                |                             |                |
|-----------------------------|----------------|-----------------------------|----------------|
| Operating temperature, max. | 55 °C          | Operating temperature, min. | -40 °C         |
| Storage temperature, max.   | 80 °C          | Storage temperature, min.   | -40 °C         |
| Operating temperature       | -40 °C...55 °C | Storage temperature         | -40 °C...80 °C |

### Environmental Product Compliance

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

### Technical properties

|                   |      |
|-------------------|------|
| Protection degree | IP66 |
|-------------------|------|

### Classifications

|             |             |            |             |
|-------------|-------------|------------|-------------|
| ETIM 6.0    | EC001604    | ETIM 7.0   | EC001604    |
| eClass 9.0  | 27-24-26-08 | eClass 9.1 | 27-24-26-08 |
| eClass 10.0 | 27-24-26-08 | UNSPSC     | 26-12-16-03 |

### Approvals

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

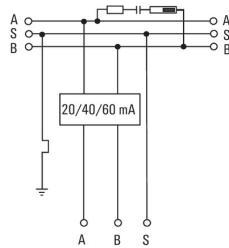
### Downloads

|                                             |                                                                                                                                                                                                                      |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Certification EAC</a><br><a href="#">Certification UL</a><br><a href="#">Declaration of Conformity.pdf</a>                                                                                               |
| Brochure/Catalogue                          | <a href="#">CAT 8 SAI 15/16 EN</a>                                                                                                                                                                                   |
| Software                                    | <a href="#">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><br><a href="#">FBCon Segment Calculator_english</a> |

## Field bus components FBCON PA CG 1WAY LIMITER

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)

## Drawings



DIP switches

| 1 | 2 | Current |
|---|---|---------|
|   |   | 20 mA   |
|   |   | 40 mA   |
|   |   | 60 mA   |

A → PA-  
S → Shield  
B → PA+

