

FBCON PA CG 8WAY LIMITER**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Do not use product for new
developments**



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, 8-channel distributor LIMITER, IP66, Branch line M12, w. cable glands
Order No.	8714230000
Type	FBCON PA CG 8WAY LIMITER
GTIN (EAN)	4032248398331
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2024-01-14
Alternative product	2624370000

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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	175 mm	Length (inches)	6.89 inch
Net weight	964 g		

Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...55 °C
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Technical data

Bus system	Profibus-PA, Foundation Fieldbus	Cable entry	Branch line M12, w. cable glands
Cable glands	Brass cable gland	Connection type PE	Spur line with cable gland
Current limiting	adjustable, 20 mA, 40 mA, 60 mA	Design of housing	With pressure compensation element
Housing main material	Aluminium, AlSi12	Housing surface	powder coating
Operating voltage U_{max} , max.	18 V DC $\pm 20\%$	Protection degree	IP66
Type of distribution	8-channel distributor LIMITER	Type of mounting	surface-mounted

Classifications

ETIM 6.0	EC001604	ETIM 7.0	EC001604
ETIM 8.0	EC001604	ETIM 9.0	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
ECLASS 12.0	27-44-01-11	ECLASS 13.0	27-44-01-11

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	3a5f5913-76fc-4ff5-8563-4463f80bbe02

Approvals

ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	Application notes – Certification UL Application notes – Declaration of Conformity.pdf
Software	Runtime Software – WI-Segment-Calculator
User Documentation	Quick start guide – assembly instruction german / english Quick start guide – Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch Device description – FBCon Segment Calculator_english
Catalogues	Catalogues in PDF-format
Brochures	

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www.weidmueller.com**Drawings**