

FBCON SS PCG 8WAY LIMITER**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, 8-channel distributor LIMITER, IP66
Order No.	8726160000
Type	FBCON SS PCG 8WAY LIMITER
GTIN (EAN)	4032248398614
Qty.	1 pc(s).

FBCON SS PCG 8WAY LIMITER

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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	1,077 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1	SCIP	24349764-35 19-400e-887c-4e985c
------------	----------------	------	---------------------------------

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	8-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	ECLASS 12.0	27-44-01-11

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity.pdf
Software	Runtime Software – WI-Segment-Calculator
User Documentation	assembly instruction german / english Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch
Catalogues	Catalogues in PDF-format
Brochures	

Creation date September 18, 2022 4:01:50 AM CEST

Catalogue status 09.09.2022 / We reserve the right to make technical changes.

FBCON SS PCG 8WAY LIMITER

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

