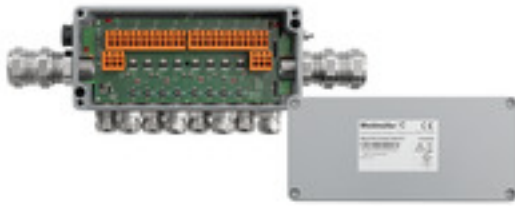


FBCON PA CG 8WAY LIMITER R-T**Weidmüller Interface GmbH & Co. KG**

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, IP67, Trunk line M20, Branch line M16
Order No.	2703850000
Type	FBCON PA CG 8WAY LIMITER R-T
GTIN (EAN)	4064675266648
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	34 mm	Height (inches)	1.339 inch
Width	175 mm	Width (inches)	6.89 inch
Length	80 mm	Length (inches)	3.15 inch
Net weight	1,077 g		

Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...75 °C
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Technical data

Bus system	Profibus-PA, Foundation Fieldbus	Cable entry	Trunk line M20, Branch line M16
Cable glands	Brass cable gland	Current limiting	adjustable, 20 mA, 40 mA, 60 mA
Design of housing	With pressure compensation element	Housing main material	Aluminium, Aluminum
Housing surface	polished	Operating voltage	10 ... 31 V DC
Operating voltage U_{max} , max.	32 V	Pollution severity	3
Power consumption in standby mode	7 mA	Protection degree	IP66, IP67
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

Approvals



UL File Number Search	UL Website
Certificate no. (cULus)	E141197

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Technical data

Downloads

Approval/Certificate/Document of Con- formity	Certification UL for Canada Certification UL for US
Engineering Data	CAD data – STEP
Software	WI-Segment-Calculator
User Documentation	Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch FBCon Segment Calculator_english Instruction sheet
Catalogues	Catalogues in PDF-format

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Drawings

