

FBCON SS CG 8WAY**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, 8-way distributor, IP66
Order No.	8703470000
Type	FBCON SS CG 8WAY
GTIN (EAN)	4032248398362
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	175 mm	Length (inches)	6.89 inch
Net weight	1,244 g		

Temperatures

Storage temperature	-40 °C...80 °C	Ambient temperature	-40 °C...75 °C
Operating temperature	-40 °C...75 °C		

Technical data

Bus system	Profibus-PA, Foundation Fieldbus	Cable glands	Stainless steel cable gland
Connection type PE	Spur line with cable gland	Design of housing	With pressure compensation element
Housing main material	Stainless steel, rust-proof, Aluminum	Housing surface	polished
Operating voltage	10 ... 31 V DC	Operating voltage U_{max} , max.	32 V
Pollution severity	3	Protection degree	IP66
Type of distribution	8-way distributor	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



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

Downloads

Product Change Notification	20220208 Technical change to FBCon field distributors (passive, with stainless steel housings)
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
Brochures	

Creation date May 23, 2024 7:12:23 PM CEST

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Drawings

