



Pepperl & Fuchs

KF Series Digital Input Frequency Converters Transformer Isolation Barriers

Certification Information

- * Certification Number: see tables
- * Approved to II (1) GD [EEx ia] IIC
- * Ingress Protection IP20
- * Ambient Temperature Range -20°C to +60°C

Features

- * Polycarbonate construction
- * Provide galvanic isolation between Ex and Safe areas
- * 35mm DIN rail mounting
- * Blue terminals indicate I.S. circuit
- * Green terminals indicate DC power supply
- * Black terminals indicate AC power supply
- * Grey terminals indicate universal power supply (24V DC - 230V AC)
- * All terminals are removable

* **Must be installed in a safe area**



Frequency Converters/Speed Monitors (115V AC Powered)

Part Number	No. of Channels	Field Input	Control Output	Certification Number
		Ex Area	Safe Area	
KFA5-DWB-EX1.D	1	Contact/NAMUR	2 x Relay	TUV99ATEX1408

Frequency Converters/Speed Monitors (230V AC Powered)

Part Number	No. of Channels	Field Input	Control Output	Certification Number
		Ex Area	Safe Area	
KFA6-DWB-EX1.D	1	Contact/NAMUR	2 x Relay	TUV99ATEX1408

Frequency Converters/Speed Monitors (24V DC Powered or Power Rail)

Part Number	No. of Channels	Field Input	Control Output	Certification Number
		Ex Area	Safe Area	
KFD2-UFC-EX1.D	1	Contact/NAMUR	2 x Relay + 1 x Transistor + 1 x 0/4 - 20mA	TUV99ATEX1471
KFD2-DWB-EX1.D	1		2 x Relay	TUV99ATEX1408
KFD2-SR2-EX2.W.SM	1		2 x Relay	PTB00ATEX2080

Frequency Converters/Speed Monitors (48 - 253V AC/20 - 90V DC Powered)

Part Number	No. of Channels	Field Input	Control Output	Certification Number
		Ex Area	Safe Area	
KFU8-UFC-EX1.D	1	Contact/NAMUR	2 x Relay + 1 x Transistor + 1 x 0/4 - 20mA	TUV99ATEX1471

Zone 0
See Approvals

Zone 1
See Approvals

Zone 2
See Approvals

Zone 20
See Approvals

Zone 21
See Approvals

Zone 22
See Approvals

IEC Ex
X

Leeds

Tel: 0113 243 0203

Sheffield

Tel: 0114 243 1841

Gateshead

Tel: 0191 460 2233

Manchester

Tel: 0161 876 4337

Glasgow

Tel: 0141 892 0166

Walsall

Tel: 01922 403426

e-mail: sales@scatts.co.uk

web: www.scatts.co.uk



SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

www.scatts.co.uk