

RS F40 32RS OUT LMZF**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



The RS F40 or RS F10 interface elements (for 32 or 8 signals) enable a relay to be used to isolate signals coming from the PLC with sensors and field actuators.

The main characteristics are:

- Tension-clamp or screw connection system
- Signals grouped according to bytes.
- Extremely compact modules in RS 45 profile section for installation on standard TS35 mounting rail.

General ordering data

Type	RS F40 32RS OUT LMZF
Order No.	843100000
Version	FUJITSU NYP-24WK, Tension-clamp connection
GTIN (EAN)	4008190032753
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	263 mm	Length (inches)	10.354 inch
Width	87 mm	Width (inches)	3.425 inch
Height	73 mm	Height (inches)	2.874 inch
Net weight	517 g		

Temperatures

Operating temperature, max.	55 °C	Operating temperature, min.	0 °C
Storage temperature, max.	70 °C	Storage temperature, min.	-40 °C
Operating temperature	0...55 °C	Storage temperature	-40...70 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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General data

LED status display per relay	green	Disconnecter per relay	No
Fuse per relay	No	Switch	No
LED status of the supply voltage	yellow	Power supply fuse	No

Connection data

Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN4 165 1	Number of poles (control side)	40-pole
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Rating data

Mechanical service life	3 x 10 ⁷ switching cycles	Switch-on delay	< 5 ms
Switch-off delay	< 15 ms		

Ratings data input

Input voltage	24 V DC ± 10%	Input current	5 mA ± 15%
Power rating	0.5 W		

Ratings data output

Min. switching current	10 mA	Relay type	FUJITSU NYP-24WK
Type of output	Potential-free contact	Contact material	AgNi gold flashed
Max. AC continuous current	3 A	AC peak current	5 A
Minimum contact current	0 A	Minimum contact voltage	0.1 V

Insulation coordinates (EN50178)

According to	DIN EN 50178	Rated input insulation voltage	< 50 V AC
Rated output insulation voltage	< 250 V AC	Overvoltage category input/output	II
Overvoltage category input/input	II	Overvoltage category output/output	II
Pollution severity level	2	Pulse voltage test (1,2/50µs)	2 kV
Insulation test voltage	4 kVAC	Clearance input/output	≥ 7 mm

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Technical data**Connection field**

Type of connection	Tension-clamp connection	Clamping range, min.	0.5 mm ²
Clamping range, max.	1.5 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	1.5 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²	Min. wire cross-section, AWG	AWG 26
Max. wire cross-section, AWG	AWG 14	Stripping length	7 mm

Supply connection

Type of connection	Tension-clamp connection	Clamping range, min.	0.5 mm ²
Clamping range, max.	1.5 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	1.5 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²	Flexible with sleeve, max.	1.5 mm ²
Wire cross-section, min. AWG	AWG 26	Wire cross-section, max. AWG	AWG 14
Stripping length	7 mm		

Classifications

ETIM 3.0	EC001419	ETIM 4.0	EC001419
ETIM 5.0	EC001419	ETIM 6.0	EC002780
UNSPSC	30-21-18-01	eClass 5.1	27-24-22-04
eClass 6.2	27-24-22-04	eClass 7.1	27-14-11-52
eClass 8.1	27-14-11-52	eClass 9.0	27-14-11-52
eClass 9.1	27-24-22-16		

Approvals

Approvals



ROHS

Conform

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Conformity[K154_11_98.pdf](#)

Engineering Data

[WSCAD](#)

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Drawings

