

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	FUJITSU NYP-24WK, Tension-clamp connection
Order No.	8431000000
Type	RS F40 32RS OUT LMZF
GTIN (EAN)	4008190032753
Qty.	1 pc(s).

RS F40 32RS OUT LMZF

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	73 mm	Depth (inches)	2.874 inch
Height	87 mm	Height (inches)	3.425 inch
Width	263 mm	Width (inches)	10.354 inch
Net weight	507 g		

Temperatures

Storage temperature	-40...70 °C	Operating temperature	0...55 °C
---------------------	-------------	-----------------------	-----------

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 / DIN41651	Number of poles (control side)	40-pole
----------------------------	---	--------------------------------	---------

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/input	II
Overvoltage category input/output	II	Overvoltage category output/output	II
Pollution severity level	2	Pulse voltage test (1,2/50µs)	2 kV
Insulation test voltage AC	4 kV	Clearance input/output	≥ 7 mm

Connection field

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

RS F40 32RS OUT LMZF

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

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 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	EC002780	ETIM 9.0	EC002780
ECLASS 9.0	27-14-11-52	ECLASS 9.1	27-24-22-16
ECLASS 10.0	27-14-11-52	ECLASS 11.0	27-14-11-52
ECLASS 12.0	27-14-11-52	ECLASS 13.0	27-14-11-52

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	7b5ffb72-271d-4c73-8b09-bd0aeee3697a

Approvals

Approvals



ROHS	Conform
------	---------

Downloads

Approval/Certificate/Document of Conformity	K154_11_98.pdf
Catalogues	Catalogues in PDF-format

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Drawings**