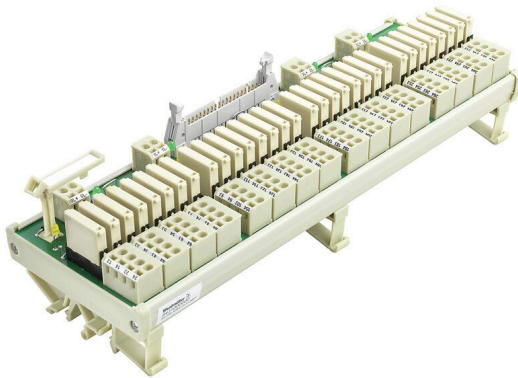


RS F40 32RS OUT LMZF

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 items
Delivery status	Discontinued

RS F40 32RS OUT LMZF

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	73 mm	Depth (inches)	2.874 inch
Height	87 mm	Height (inches)	3.4252 inch
Width	263 mm	Width (inches)	10.3543 inch
Net weight	446.16 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	7b5ffb72-271d-4c73-8b09-bd0aeee3697a

General data

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

Connection data

Number of poles (control side)	40-pole	Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651
--------------------------------	---------	----------------------------	---

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	Material of contacts	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

RS F40 32RS OUT LMZF

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

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

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

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 8.0	EC002780	ETIM 9.0	EC002780
ETIM 10.0	EC002780	ECLASS 14.0	27-14-11-52
ECLASS 15.0	27-14-11-52		

RS F40 32RS OUT LMZF

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

Drawings

www.weidmueller.com

