

# Relay Module - RIF-2-RPT-LV-120AC/4X21/EX - 2909740

## Technical data

### Connection data

Connection name	Coil side
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule with plastic sleeve)
	0.14 mm <sup>2</sup> ... 1 mm <sup>2</sup> (Ferrule with plastic sleeve, two conductors on double terminal block)
Conductor cross section AWG	26 ... 16 (solid)
	26 ... 16 (flexible)

### Connection data 2

Connection name	Contact side
Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (Ferrule with plastic sleeve)
	0.14 mm <sup>2</sup> ... 1 mm <sup>2</sup> (Ferrule with plastic sleeve, two conductors on double terminal block)
Conductor cross section AWG	26 ... 16 (solid)
	26 ... 16 (flexible)

### Standards and Regulations

Standards/regulations	DIN EN 50178
Rated insulation voltage	250 V AC
Rated surge voltage	2.5 kV
Insulation	Basic insulation
Pollution degree	2
Overvoltage category	III
	II (Zone 2)
Designation	Ex zone
Standards/regulations	EN/IEC 60079-0
	EN/IEC 60079-7
	EN/IEC 60079-15
ATEX	# II 3G Ex ec nC IIC T4 Gc
IECEX	Ex ec nC IIC T4 Gc
UL, USA/Canada	Class I, Div. 2, Groups A, B, C, D T4
	Class I, Zone 2, Group IIC

### Conformance/approvals

Designation	ATEX
Identification	# II 3G Ex ec nC IIC T4 Gc

## Relay Module - RIF-2-RPT-LV-120AC/4X21/EX - 2909740

### Technical data

#### Conformance/approvals

Certificate	IBExU17ATEXB014X
Designation	IECEX
Identification	Ex ec nC IIC T4 Gc
Certificate	IECEX IBE 17.0032X
Designation	UL, USA/Canada
Identification	Class I, Div. 2, Groups A, B, C, D T4
	Class I, Zone 2, Group IIC

#### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings