

XUR2 THERMAL OVERLOAD RELAY



XUR2-32



XUR2-93

Applicable Scope

Type XUR2 Thermal Overload Relay is suitable for AC current 50Hz/60Hz systems with voltage up to 690V.

- Suitable for three-phase and single-phase motor applications.
- Provides Class 10 protection.
- Protects motors against overload and phase failure.
- Automatic and manual reset functions included.
- Test and stop functions included.
- Conforms to IEC 60947-4-1 and IEC 60947-5-1 standards.

Technical Features

Type number	XUR2	
Rated current	XUR2-32	0.1-32A
	XUR2-93	23-93A
Rated insulated voltage V	690V	
Rated impulse withstand voltage Uimp V	60000V	
Phase failure protection function	YES	
Automatic and manual reset	YES	
Temperature compensation	YES	
Tripping indicator	YES	
Test and stop push button	YES	
Mounting type	Pulg in mounting	
Frame protection degree	IP 20	
Standards	IEC 60947-4-1 ,IEC 60947-5-1	
Auxiliary contacts	1NO+1NC	
Contacts configuration	1NO+1NC	
Rated current (A) AC-15 220V	2.73	
Rated current (A) AC-15 380V	1.57	



XUR2 Thermal overload relay

Contactor wiring

Contactor wiring			XUR2-32	XUR2-93
Cross section area of conductor mm ²	Main circuit	Single core or standard sired	4-10mm ²	4-35mm ²
		Wiring screw	M4	M10
	Auxiliary circuit	Single core or standard sired	0.5-25	0.5-25
		Wiring screw	M3.5	M3.5

Frame	Rated current adjustable range (A)	Recommended fuse type		Matching for ac contactor (A)
		aM	gG	
XUR2-32	0.1-0.16	0.25	2	09-32A
	0.16-0.25	0.5	2	09-32A
	0.25-0.4	1	2	09-32A
	0.4-0.63	1	2	09-32A
	0.63-1	2	4	09-32A
	1-1.6	2	4	09-32A
	1.25-2	4	6	09-32A
	1.6-2.5	4	6	09-32A
	2.5-4	6	10	09-32A
	4-6	8	16	09-32A
	5.5-8	12	20	09-32A
	7-10	12	20	09-32A
	9-13	16	25	09-32A
	12-18	20	35	09-32A
	17-25	25	50	32A
	23-32	40	63	25-32A

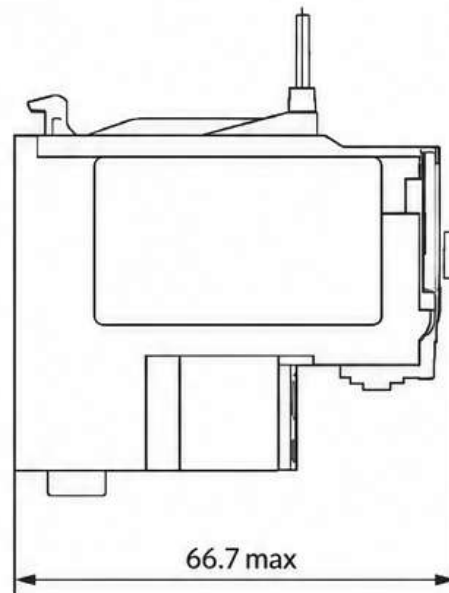
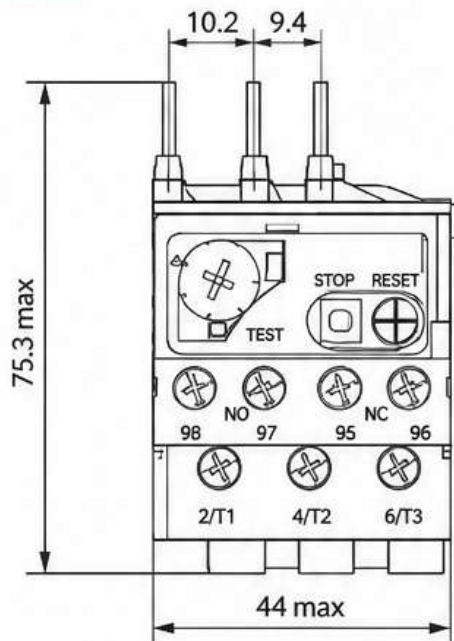
Frame	Rated current adjustable range (A)	Recommended fuse type		Matching for ac contactor (A)
		aM	gG	
XUR2-93	23-32	40	63	40A
	30-40	40	100	50A
	37-50	63	100	65A
	48-65	63	100	80A
	55-70	80	125	90A
	63-80	80	125	40-65A
	80-93	100	160	80-95A



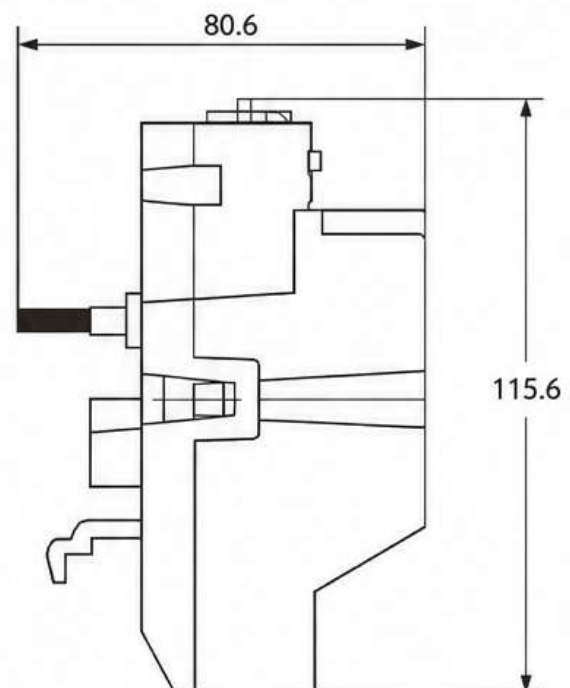
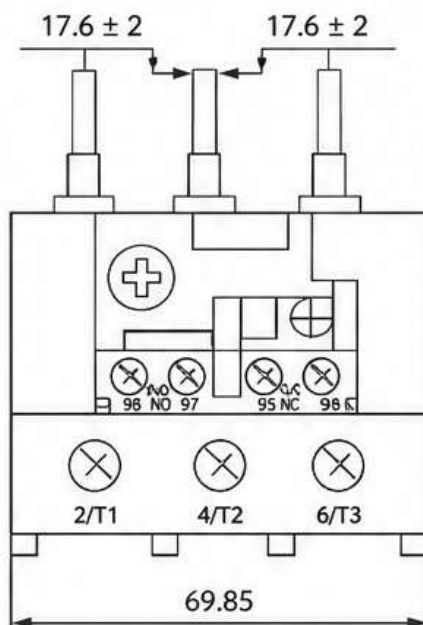
XUR2 Thermal overload relay

Dimensions (mm)

XUR2-32



XUR2-93



Product Range Overview

Complete Motor Starter & Protection Solutions —
Engineered for Global Industrial Applications



XU2 Series

Motor Protection Circuit Breaker

- A** Range: 16A to 100A
- ⚡** Voltage: Up to 690V
- 🛡️** Standard: IEC 60947-2
- CE** CE | CCC Certified

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ELX Series

Magnetic Contactor

- A** Range: 0.1A – 100A
- 🔌** Coil: AC/DC/AC-DC
- 🌡️** Temp: -50°C to +70°C
- 🛡️** Standard: IEC 60947-4-1
- CE** CE | CCC | UL Certified

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XUR2 Series

Thermal Overload Relay

- A** Range: 0.1A – 93A
- 🔄** Auto & Manual Reset
- 🛡️** Standard: IEC 60947-4-1
- CE** CE | CCC Certified

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Complete Motor Starter Solution

1 MPCB (XU2)

Short Circuit
Protection



2 CONTACTOR (ELX)

Motor Switching



3 OVERLOAD RELAY (XUR2)

Overload &
Phase Failure



**COMPLETE
MOTOR
PROTECTION**



All XUNWO products are 100% manufactured in-house at our Wenzhou, China facility and globally certified for industrial applications.



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