

# TS Ultra Thermal Actuator

The ultimate in thermal actuators with more stroke, more power, faster response and compact enough to fit on the latest manifolds with 40mm valve centres



TS Ultra

TS Ultra+

## Features:

### TS Ultra – the entry-level model

- 360° valve status indication
- IP44
- Closing force 100N
- Stroke 5.5mm
- Fast response – opening to 4mm in 2 minutes
- 230V and 24V options

### TS Ultra+ - the ultimate in design and performance

- All the features of the TS Ultra and:
- IP55 ingress protection
- Closing Force 120N
- Plug-in cable
- Manual feature

## Getting Technical

Type	TS Ultra (230 V)	TS Ultra (24 V)	TS Ultra+ (230 V)	TS Ultra+ (24 V)
Supply voltage	230 V ~ 50 Hz	24 V AC/DC	230 V ~ 50 Hz	24 V AC/DC
Power consumption	2.5 W		2.5 W	
Actuator type	Open/closed		Open/closed	
Valve type	Normally closed		Normally closed	
Cable	Fixed cable, 2 x 0.75 mm <sup>2</sup> , 80 cm long, free cable ends with end sleeves		Plug-in cable, 2 x 0.75 mm <sup>2</sup> , 100 cm long, free cable ends with end sleeves	
Ingress protection	IP44		IP55	
Stroke	5.5 mm		5.5 mm	
Valve connection	M 30 x 1.5 mm		M 30 x 1.5 mm	
Dimensions	82 x 39 x 54 mm (h x w x d)		82 x 39 x 54 mm (h x w x d)	
Storage temperature	-20 °C to 60 °C		-20 °C to 60 °C	
Operating temperature	0 °C to 50 °C		0 °C to 60 °C	
Closing force	100 N		120 N	

Product	Part No.
230V TS Ultra+	0481 1105 1017
24V TS Ultra+	0482 1105 1017
230V TS Ultra	0483 1005 0817
24V TS Ultra	0484 1005 0817