



**060L311866**

**Thermostat, KPS77**

Temperature range [°C]: 20 - 60, Reset function: Auto, Contact function: SPDT gold, Sensor type: Rigid sensor, Enclosure rating IP: IP67

**PRODUCT DETAILS**

<b>Gross weight</b>	0.896 Kilogram
<b>Net weight</b>	0.758 Kilogram
<b>Volume</b>	2.518 Liter
<b>EAN</b>	5702423147700
<b>Type</b>	KPS77
<b>Product group</b>	Switches and thermostats
<b>Product Name Description</b>	Thermostat
<b>Amb. Temp. Note</b>	80 °C/176 °F for max 120 min
<b>Ambient temperature range [°C] [max]</b>	70 °C
<b>Ambient temperature range [°C] [min]</b>	-40 °C
<b>Ambient temperature range [°F] [max]</b>	158 °F
<b>Ambient temperature range [°F] [min]</b>	-40 °F
<b>Approval</b>	ABS BV CCC CCS CE DNV EAC GL LLC CDC EURO-TYSK LR LVD NKK RINA RMRS RoHS RoHS China TYSK UL
<b>CE evaluated</b>	Yes
<b>Charge type</b>	Adsorption
<b>China RoHS compliance</b>	Yes
<b>Connection for pocket or hose</b>	M 18 x 1.5
<b>Contact function</b>	SPDT gold
<b>Contact rating</b>	AC15=4 A, 440 V

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## PRODUCT DETAILS

	AC1=10 A, 440 V AC3=6 A, 440 V DC13=12 W, 220 V for gold 1...30mA, 5...30V
<b>Contains batteries</b>	No
<b>Diff. @ Min. range setting [K] [max]</b>	14 K
<b>Diff. @ Min. range setting [K] [min]</b>	3 K
<b>Diff. @ Min. range setting[°C] [max]</b>	14 °C
<b>Diff. @ Min. range setting[°C] [min]</b>	3 °C
<b>Differential type</b>	Adjustable
<b>Electrical conn. comments</b>	Metal cable gland
<b>Electrical conn. Male/Female</b>	Female
<b>Electrical connection</b>	Screwed cable entry
<b>Electrical connection size</b>	Pg 13.5
<b>Electrical connection standard</b>	DIN 40430
<b>Electrical spec. standard</b>	EN 60947-5
<b>EN 60947 electrical properties</b>	Insulation: 400V Pollution degree: 3 Rated impulse voltage: 4 kV Short circuit prot, fuse: 16A
<b>EN 60947 wiring properties</b>	Flex, ferrules: 0.5-1.5 mm <sup>2</sup> Flex, no ferrules: 0.7-2.5 mm <sup>2</sup> Solid/stranded: 0.75-2.5 mm <sup>2</sup>
<b>Enclosure rating IP</b>	IP67
<b>EU RoHS compliance</b>	Out of scope
<b>Max. sensor temperature [°C]</b>	130 °C
<b>Max. sensor temperature [°F]</b>	266 °F
<b>Packing format</b>	Multi pack
<b>Product accessories</b>	Switches accessories
<b>Product description</b>	Thermostat
<b>Quantity per packing format</b>	8 pc
<b>REACH Candidate List substances</b>	Lead (CAS no. 7439-92-1) Cadmium oxide (CAS no.1306-19-0)
<b>Reset function</b>	Auto
<b>SCIP dossier no.</b>	c1a694ec-501f-43db-83d2-8a9a314459e0
<b>SCIP dossier product name</b>	KP KPS KPU Thermostat
<b>Sensor pocket length min. [in]</b>	3 in
<b>Sensor pocket length min. [mm]</b>	75 mm
<b>Sensor size (Ø x L) [in]</b>	1/2 x 2 1/2 in
<b>Sensor size (Ø x L) [mm]</b>	13 x 63 mm
<b>Sensor type</b>	Rigid sensor
<b>Serviceable</b>	No
<b>Temperature range [°C] [max]</b>	60 °C
<b>Temperature range [°C] [min]</b>	20 °C
<b>Temperature range [°F] [max]</b>	140 °F
<b>Temperature range [°F] [min]</b>	68 °F
<b>UL approval file name</b>	E73170
<b>UL evaluated</b>	Yes

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## Accessories



### 060L326266 [↗](#)

#### Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 75, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 1/2, Packing format: Multi pack, Quantity per packing format: 10

Image  
coming  
soon

### 060L326466 [↗](#)

#### Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 75, Pressure inlet conn. type: NPT, Pressure inlet conn. size [in]: 1/2-14, Packing format: Multi pack, Quantity per packing format: 10



### 060L326666 [↗](#)

#### Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 75, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 3/4, Packing format: Multi pack, Quantity per packing format: 10



### 060L326766 [↗](#)

#### Switches accessories, Sensor pocket

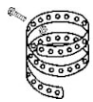
Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 75, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 1/2, Packing format: Multi pack, Quantity per packing format: 10



### 060L328166 [↗](#)

#### Switches accessories, Sensor pocket

Type designation: Sensor pocket, Used for product: KPS; RT; CAS; MBC, Sensor pocket length min. [mm]: 75, Pressure inlet conn. type: G, Pressure inlet conn. size [in]: 1/2, Packing format: Multi pack, Quantity per packing format: 10



### 017-420466 [↗](#)

#### Switches accessories, Clamping band

Type designation: Clamping band, Parts included: 1x screw 4x20, Packing format: Multi pack, Quantity per packing format: 10



### 060L036666 [↗](#)

#### Switches accessories, Seal Kit, For armoured capillary tube

Type designation: Seal Kit, Used for product comments: For armoured capillary tube, Used for product: KPS; RT; CAS; MBC, Packing format: Multi pack, Quantity per packing format: 10

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Accessories

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**060L327366** [🔗](#)

**Switches accessories, Seal Kit, For not arm. capillary tube**

Type designation: Seal Kit, Used for product comments: For not arm. capillary tube, Used for product: KPS; RT; CAS; MBC, Packing format: Multi pack, Quantity per packing format: 10

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