

Menschen brauchen Wärme

Kapillarregler FGCP 101 / FGCP 102



Typ	FGCP 101 Kapillarregler, Öffner FGCP 102 Kapillarregler, Wechsler
Schaltvermögen	100 - 230 V ~ 10 A (2 A) Max. Leistungsaufnahme bei DC-Applikation 30W
Regelbereich	0° bis 60° C (andere Regelbereiche auf Anfrage -20°C bis 40°C; 20°C bis 80°C)
Schaltdifferenz	<7K
Schalttoleranz	- /+ 3 K
Fühlerelement	Fühler 6 x 80 mm , Kapillarlänge 1500 mm
Anschluss	2,5 mm ² , Schraubklemmen
Gewicht	ca. 70 g
Lagertemperatur	-20°C bis +65°C
Schutzart	IP 20
Montage	DIN-Schiene
Gehäuse	Kunststoff UL94 V - O
Abmessungen	L46 x B37 x H64 mm
Approbationen	VDE, UL

Anwendung

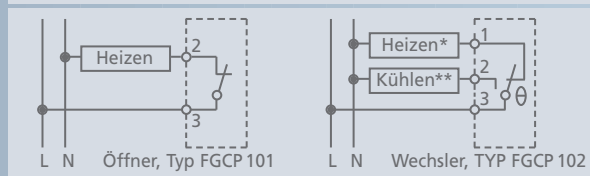
Temperaturregelung in Schaltschränken, Gehäusen und Automaten, zum Schutz elektrischer/elektronischer und mechanischer Bauteile

Konstruktionsmerkmale

- Einfache Montage auf Normschiene (35 mm Profilschiene) nach DIN EN 60715
- Kleine Bauform
- Hohe Schaltleistung
- Schutz gegen eigenständiges Verstellen

Achtung: Um die Schutzklasse zu erreichen, muss bei Kapillarreglern der Fühler direkt mit dem Schutzleiter verbunden werden

Anschluss-Schaltbild



* Im Kühlbetrieb Wechselkontakt
** Im Heizbetrieb Wechselkontakt

DBK David+Baader GmbH

Komponenten

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Capillary Thermostat FGCP 101 / FGCP 102



Type	FGCP 101 Capillary thermostat, normally closed contact FGCP 102 Capillary thermostat, changeover contact
Switching capacity	100 - 230 V ~ 10 A (2 A) In DC operation, 30 W maximum power
Control ranges	0°C to 60°C (other ranges available by request. -20°C to 40°C; 20°C to 80°C)
Hysteresis	< 7 K
Switching tolerance	+/- 3 K
Capillary	Probe 6 x 80 mm, capillary 1500 mm
Connection	2,5mm ² , screw terminals
Weight	Approx. 70 g
Storage temperature	-20°C to +65°C
Ingress protection	IP 20
Mounting	DIN-Rail
Housing	UL94 plastic V - O
Dimensions	L46 x W37 x H64 mm
Approvals	VDE, UL

Application

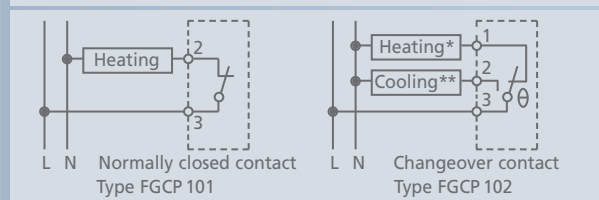
Temperature control in electrical cabinets, ticket and vending machines to assist in the protection of electronic circuitry and mechanical components.

Features

- Simple mounting on a DIN EN 60715 compliant standard rail (35 mm profiled rail)
- Space-saving compact size
- High switching capacity
- Dial adjusts in small increments to protect against accidental misadjustment

Note: In order to reach the protection class the probe of capillary thermostats must be directly connected to the protective earth conductor

Connection Diagram



* In cooling mode indicator contact
** In heating mode indicator contact

DBK Technitherm Ltd.

Components

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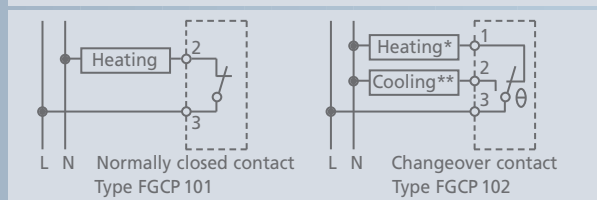
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