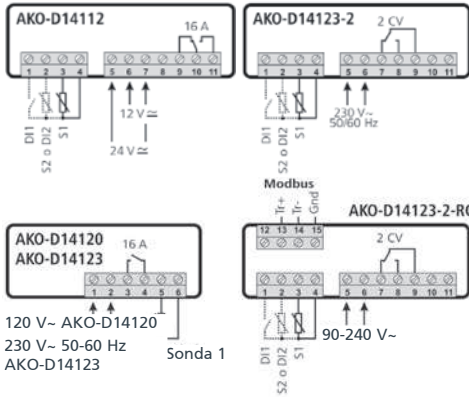




## Thermostats

Range from -50°C to +150 °C, 1 relay output, panel mounting



### Programmable for cold and heat

Display and control in °C and °F with decimalpoint. NTC/PTC probe selectable by programme. Possible password protection for configuration. Defrost by compressor shutdown. Configuration wizard depending on application (8 configurations).

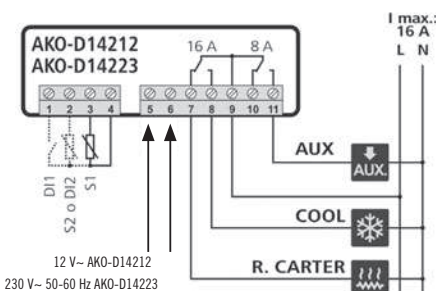
Application: Industrial and commercial refrigeration, displays, incubators, vehicles

- NTC probe temperature range -50°C to + 99.9 °C
- PTC probe temperature range -50 °C to +150 °C
- 3 digits Display (°C/° F)
- Resolution 0,1 °C
- Accuracy ±1 °C
- Panel cut-out dimensions 71 x 29 mm
- Front panel dimensions 79 x 38 mm
- Depth 43 mm (AKO-D14120 y AKO-D14123) SPST
- Depth 61 mm (AKO-D14112 y AKO-D14123-2-RC) SPDT
- Compressor relay SPST 16 A: AC1=12, AC3=9 (AKO-D1412x)
- Compressor relay SPST 2 CV: AC1=16, AC3=10 (AKO-D14123-2, AKO-D14123-2-RC)
- Compressor relay SPDT 16 A: AC1=12, AC3=9 (AKO-D14112)
- The AKO-1423-2-RC model has integrated RS485 communication and Real Time Clock to defrost

Reference	Description	Family	Pack
AKO-D14112	12/24 V~, 1 SPDT relay 16 A, 1 NTC probe included	Standard Panel	12 Units
AKO-D14120	120 V~, 1 SPST 16 A, 1 NTC probe included	Standard Panel	12 Units
AKO-D14120-2	120 V~, 1 relay SPST 2 CV, 1 NTC probe included	Standard Panel	12 Units
AKO-D14123	230 V~, 1 SPST relay 16 A, 1 NTC probe included	Standard Panel	12 Units
AKO-D14123-2	230 V~, 1 SPDT relay 2 CV, 1 NTC probe included	Standard Panel	12 Units
AKO-D14123-2-RC	90-240 V~, 1 SPDT relay 2 CV, communication, real time clock, 1 NTC probe included	Standard Panel	12 Units

## Temperature controller

Range from -50 °C to +99.9 °C, 2 relays, panel mounting



### Compressor and auxiliary relay (defrost or fans)

Auxiliary relay function programmable as Defrost, Fans, Alarm or Light. A 2nd optional probe allows ending the defrost process by temperature. Programmable digital inputs such as door, switch, external alarm, remote defrost, energy saving or continuous cycle. Configuration wizard depending on application (8 configurations).

Application: Industrial and commercial refrigeration, display cabinets, electrical

- NTC probe temperature range -50°C to + 99.9 °C
- PTC probe temperature range -50 °C to +150 °C
- 3 Digits display (°C/°F)
- Resolution 0,1 °C
- Accuracy ±1 °C
- Panel cut-out dimensions 71 x 29 mm
- Front panel dimensions 79 x 38 mm
- Depth 61 mm
- Compressor relay SPDT 16 A: AC1=12, AC3=9
- Aux relay SPDT 8 A: AC1=8, AC3=4

Reference	Description	Family	Pack
AKO-D14212	12 V~, 2 relays , 1 NTC probe included	Standard Panel	12 Units
AKO-D14220	120 V~, 2 relays , 1 NTC probe included	Standard Panel	12 Units
AKO-D14223	230 V~, 2 relays, 1 NTC probe included	Standard Panel	12 Units