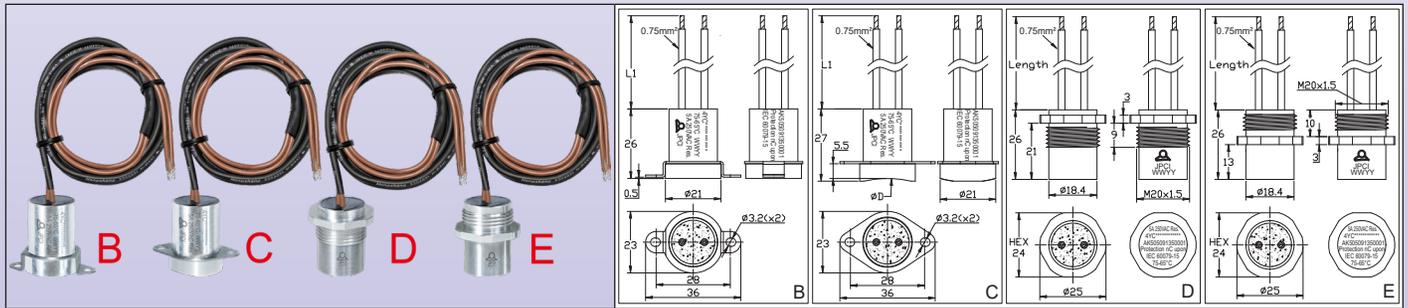


Because of permanent improvement of our products, drawings, descriptions, features used on these data sheets are for guidance only and can be modified without prior advice

Miniature temperature limiters, not current sensing, calibration up to 85°C (185°F), wires connection to use when R290 highly flammable refrigerant classed A3 upon ISO 817 may be present.

This is not a Ex certified product

Electrical connection	Set point adjustment	Mounting	Action	Contact Rating 250V AC	Min. and max. of calibration	Type
Wires	Fixed setting	On or through wall	Limiter	Open on temperature rise 5A	+5 to +85°C	4YC



General rules for installation:

Important note: Limiter designed to comply with IEC 60079-0: 2017 (Explosive atmospheres, general requirements), § 26.5.1.2 and IEC 60079-15: 2017 (Explosive atmospheres, Equipment protection by type of protection “n”) § 9; 11.2.1; 11.2.2; and 11.2.3.1, when R290 highly flammable refrigerant classed A3 upon ISO 817, as found in air conditioning and heat pumps, may be present (See IEC/EN60335-2-40)

Approval: TÜV Test report CL 50664237 0001

Housing: IP65 aluminum, epoxy potted, many different dimensions, see drawings

Temperature sensing element: Miniature bimetal disc, **not current sensitive**

Electrical connection: Two PVC insulated wires, 0.75mm², T105°C (221°F). H05VVf 300V/500V. Wire ends with crimped terminals.

Ground: By the enclosure body

Adjustment: These limiters are factory calibrated, with no adjustment possible by user. Calibration values are checked on it before encapsulation.

Mounting: Surface or through wall

Response time: These limiters are not designed to respond quickly if the temperature rise rate is higher than 1°C per minute.

Contacts: Single pole snap action contact, open by temperature rise

Electrical rating: 5A 250V resistive (100,000 cycles). Suitable for power control, remote control of relay coils or PLCs circuits.

Option: On request rating up to 9A 250V with 1.5mm² wires (Need certification testing)

Main part numbers

Open temperature ±5°C, (±9°F)	Close temperature ±5°C, (±9°F)	Part numbers with 1m long wires (L1)	Part numbers with 3m long wires (L1)	Part numbers with 6m long wires (L1)
50°C (122°F)	40°C (100°F)	4YC1A10*OF5040D0	4YC1A30*OF5040D0	4YC1A60*OF5040D0
70°C (158°F)	60°C (122°F)	4YC1A10*OF7060D0	4YC1A30*OF7060D0	4YC1A60*OF7060D0
75°C (167°F)	65°C (149°F)	4YC1A10*OF7565D0	4YC1A30*OF7565D0	4YC1A60*OF7565D0
80°C (176°F)	70°C (158°F)	4YC1A10*OF8070D0	4YC1A30*OF8070D0	4YC1A60*OF8070D0
85°C (185°F)	75°C (167°F)	4YC1A10*OF8575D0	4YC1A30*OF8575D0	4YC1A60*OF8575D0

*: Use the body letter (C, D, E, F) described in drawings. For body letter E the exact reference (E0, E8, EA, EB) depends of mounting diameter