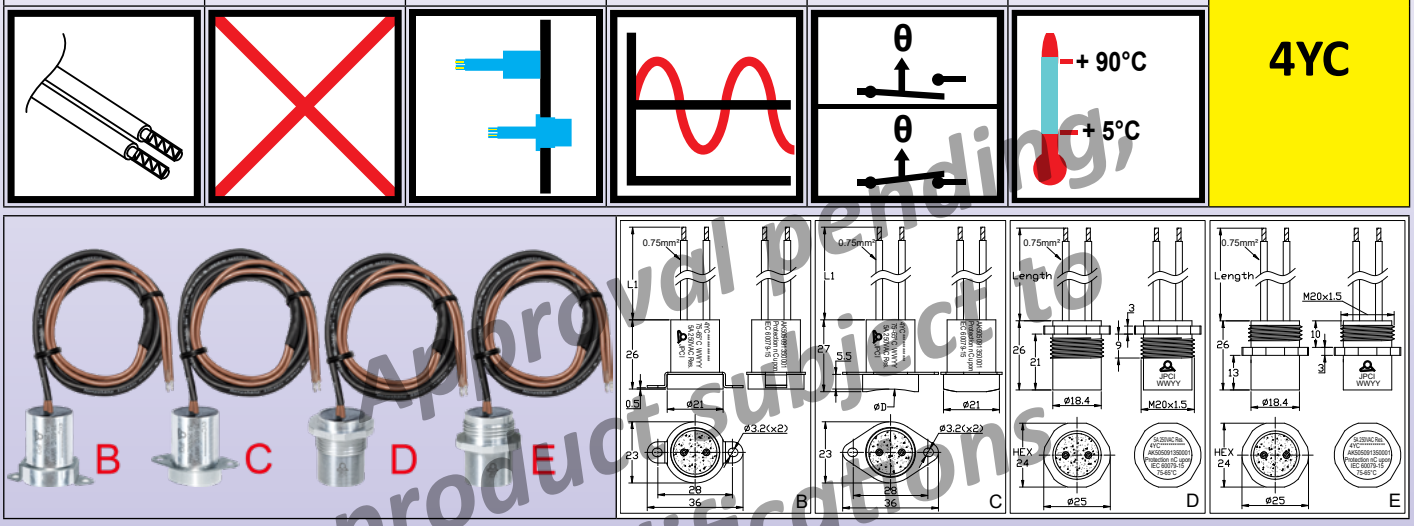
Miniature temperature limiters, not current sensing, calibration up to 90°C (194°F), wires connection to use when R290 highly flammable refrigerant classed A3 upon ISO 817 may be present.

This is not a Ex certified product

Electrical connection	Set point adjustment	Mounting	Action	Contact Rating 240V	Min. and max. of calibration	Type
Wires	Fixed setting	On or through wall	Limiter	Open or close on temperature rise 9A	+5 to +90°C	4YC



General rules for installation:

Important note: Limiter designed to comply ONLY with IEC60079-0: 2011 (Explosive atmospheres, general requirements), § 26.5.1.2 and IEC 60079-15: 2010 (Explosive atmospheres, Equipment protection by type of protection "n") § 19 ; 22.5.1 ; 22.5.2 ; 22.5.3.1 ; 22.5.3.2 and 22.5.3.3, when R32 mildly flammable refrigerant classed A2L upon Ashrae 34 and ISO 817, as found in air conditioning and heat pumps, may be present (See EN6.335-2-40)
Approval: TÜV Test report TÜV GC/70269203

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 or close by temperature rise
Electrical rating: 5A 240V resistive (100.000 cycles) and 5A 240V inductive (6.000 cycles). Suitable for power control, remote control of relay coils or PLCs circuits.
These devices use silver contacts or silver alloy contacts. Due to the possible oxidation of the contacts in time, we do not recommend the use of AC or DC low-voltage circuits (24V or less) if the switched intensity is less than 100mA, or the switched power less than 800mW.
Option: On request rating up to 16A 240V 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*0F5040D0	4YC1A30*0F5040D0	4YC1A60*0F5040D0
70°C (158°F)	60°C (122°F)	4YC1A10*0F7060D0	4YC1A30*0F7060D0	4YC1A60*0F7060D0
75°C (167°F)	65°C (149°F)	4YC1A10*0F7565D0	4YC1A30*0F7565D0	4YC1A60*0F7565D0
80°C (176°F)	70°C (158°F)	4YC1A10*0F8070D0	4YC1A30*0F8070D0	4YC1A60*0F8070D0
85°C (185°F)	75°C (167°F)	4YC1A10*0F8575D0	4YC1A30*0F8575D0	4YC1A60*0F8575D0
90°C (194°F)	80°C (176°F)	4YC1A10*0F9080D0	4YC1A30*0F9080D0	4YC1A60*0F9080D0

*: 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