

Media*: R22, R134a, R404A, R407C, R407F, R410A, R438A, R448A, R449A, R450A, R452A, R513A

***Regarding more detail of applicable refrigerants (including A2L, A3), please contact your nearest sales office**

Medium: *Bitte kontaktieren Sie uns bezüglich weiterer Informationen zu den anwendbaren Kältemitteln (einschließlich A2L, A3).

Médias: *Pour plus de détails sur les réfrigérants applicables (y compris A2L, A3), veuillez nous contacter.

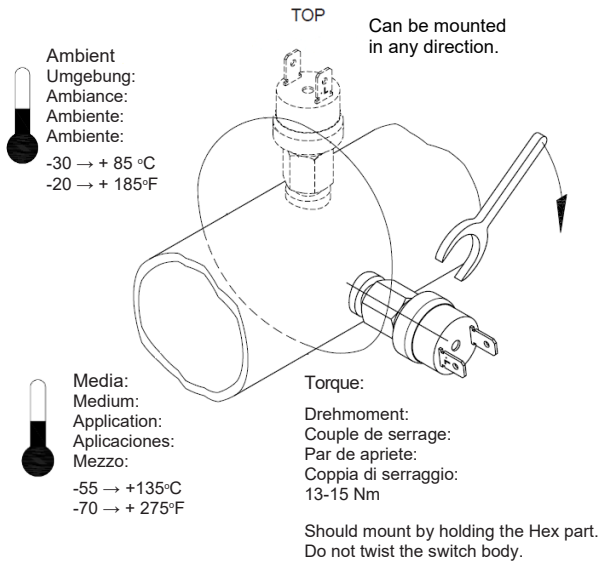
Aplicaciones: *Para obtener más información sobre los refrigerantes aplicables (incluidos A2L, A3), contáctenos

Mezzo: *Per ulteriori dettagli sui refrigeranti applicabili (inclusi A2L, A3), vi preghiamo di contattarci

Type	Contact system	Ohmic	Inductive FLA	Starting LRA	Voltage
ACB-1UA	SPST-NO	1 A	1 A	6 A	120/240 AC and 30 DC
					250 AC and 30 DC
ACB-1UB	SPST-NC	1 A	1 A	6 A	120/240 AC and 30 DC
					250 AC and 30 DC
ACB-2UA	SPST-NO	8 A	8 A	48 A	120/240 AC
		6 A	6 A	36 A	250 AC
ACB-2UB	SPST-NC	8 A	8 A	48 A	120/240 AC
		6 A	6 A	36 A	250 AC
ACB-4UA	SPST-NO	0.075 A	0.075 A	0.45 A	120/240 AC and 30 DC
					250 AC and 30 DC
ACB-4UB	SPST-NC	0.075 A	0.075 A	0.45 A	120/240 AC and 30 DC
					250 AC and 30 DC
ACB-2UC	SPDT	8 A	8 A	48 A	120/240 AC
		4 A	4 A	24 A	250 V AC

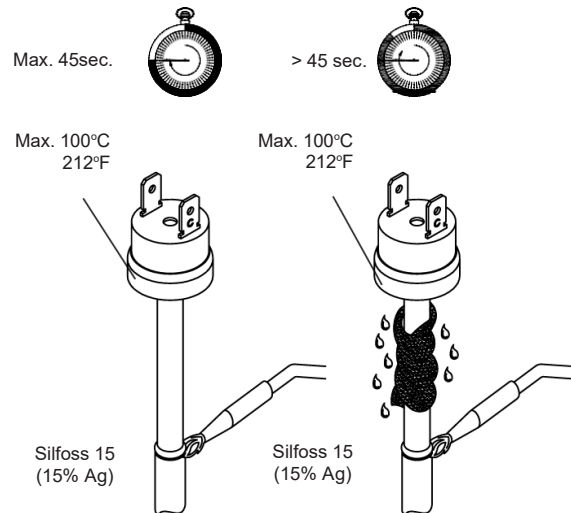
Min/Max Temperature

Min/Max Temperatur
Min/Max Température
Min/Max Temperatura
Min/Max Temperatura



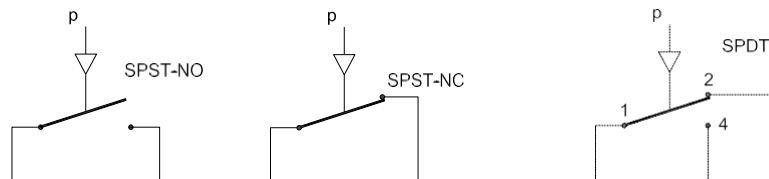
Soldering

Löten
Brasage
Saldatura
Soldadura



Contact system

Kontaktsystem
Contacts électriques
Contactos eléctricos
Tipo di contatti



Please see cable color on product drawings

SAFETY REQUIREMENT

1. Drawing and schedule of limitation describing in the certificate must be complied with.
2. Danfoss Saginomiya has no responsibility on quality warranty for the product(s) modified and/or repaired by any other parties/persons than Danfoss Saginomiya.
3. Only a person skilled in the art, including engineers who actually work in the field of refrigerant system and/ or any well trained/ educated personnel can deal with flammable refrigerants using the appropriate tool.
4. The product(s) shall be used within the limit of specification on temperature, pressure, electrical rating, vibration and so on, describing in drawing and/or product specification.
5. Shall confirm that there is no explosive and ignition risk caused by temperature rise for fluid and/or products-self in order to protect from human injury and fire accident.
6. Any overload of the products must be prevented. Overloaded or damaged products must be replaced.
7. Notice for cable handling
 - a) The wire should not touch to the sharp edges.
 - b) Connection wires with less tension is kept, so as to prevent pull force towards the terminal of product(s).
 - c) Secure the wiring properly to avoid the deformation and friction at vibration.
 - d) Do not fix wiring to the pipe with exceeding heatproof temperature
 - e) Do not apply mechanical load like bending under low temperature environment, to avoid wiring breakage and/or damage.
8. Do not apply mechanical shock to the reset button of product(s).
9. In the case of disposal, the required rules/regulations related to environment need to be complied.
10. After completing the installation, the pressure test according to EN378 must be carried out for the system which need to comply with European Pressure Equipment Directive 97/23/EC. Conduct the airtight test according to EN378-2 with appropriate equipment and method, to check the airtightness of external joints. The allowable leakage amount must comply with the specification of system manufacturer.

Nomenclature

ACB – 2 U B 125 M W
 I II III IV V VI VII

- I : Type Designation = ACB
- II : Electrical Rating
 1 = Small Rating
 2 = Medium Rating
 4 = Very Small Rating
- III : Index Code
 U = Standards compliant products
- IV : Contact Structure
 A = SPST, Normally Open
 B = SPST, Normally Close
 C = SPDT
- V : Serial Number
- VI : M = Manual Reset Type
 "blank" = Automatically Reset Type
- VII : W = Waterproof Type
 "blank" = Non-Waterproof Type

Marking information

The product label carries the following important information:

Catalog No.	: Refer to the nomenclature
Electrical Ratings	: Refer to the following chart
Pressure Settings:	: Declared on the product
Manufacturing No.:	: Declared on the product
PS (Max. Working Pressure)	: 45 bar or declared as the drawing
TS (Min./Max. Temperature)	: -30/85°C or declared as the drawing
CE Marking and Notified Body No.	:  0035
ATEX Marking	:  II3G
IECEx Marking	: Ex nC IIC Gc
ATEX Certificate No.	: UL 21 ATEX 2407U

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- Only for flammable refrigerant with UL marking related to ISA12.12.01-

- This component is suitable for use in Class I, Division 2, Group D OR non-hazardous locations only.
 - The ACB Pressure Switches shall be installed within an enclosure that can only be opened with the aid of a tool.
 - Exposure to some chemicals may degrade the sealing properties of materials.
- Regarding other points, please refer to drawings and technical information sheets