Applications
- All sectors of Water, Energy and Industry markets.

General information
- AMTROBOX S (RA01195) is specially designed for ACTAIR series of double acting pneumatic actuators and DYNACTAIR series of single acting pneumatic actuators.
- This box integrates the On/Off position detection by 2 mechanical limit switches CROUZET 83 161 304 W6 A5 type.
- Detection Opening +5°
  Detection Closing +90°
- The electrical connection is made:
  - as standard: a 7 pins connector
  - as option: cable to be connected
- Indication of valve position is made by two-tone visual pointer.
- The mounting on actuator is made on VDI/VDE 3845 interface (80x30, shaft 20mm): overall dimensions are reduced.
- Manual override possible by air lack on ACTAIR 3, 6 and 12.

Protection
- Protection level: IP 65 according to EN 60529 standard with connector
- Protection level: IP 67 according to EN 60529 standard with cable output

Temperature range
- From –20 °C to +80 °C

Materials
- Cover: cast iron coated by black cataphoresis
- Driving square: zinc plated steel
- Bolting: stainless steel

This leaflet is also to be used as a start-up guide reference 42 389 382
Construction

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Version without pointer

This version is designed for reducing of box height.
In this case, manual override is not possible.
Dimensions (mm) and weight (kg)

![Dimensions and weight diagram]

Weight: 1.2 kg

Wiring diagrams

**STANDARD**

Connector 7 pins

This connector permits to connect the box without dismantling the box onto actuator.

![Standard connector diagram]

**OPTION**

Cable for connection

This connection is made respecting the color code according to diagram hereunder:

![Option cable diagram]

Manual override by air lack

This function is designed for ACTAIR 3, 6, 12 actuators and permits the operating of the actuator using a square key 16 mm.
Product features - to our Customers’ Benefit

Limit switch box with robust design for harsh applications

Corrosion resistance:
cataforesis coating,
stainless steel bolting

Easy commisioning
electrical connection by connector
or cable output

Vizualisation of the position
by big size pointer

Gilded mechanical microswitches
on open and close detection

Manual override possible
by air lack
on ACTAIR 3, 6 and 12.

Compactness:
Mounting on interface
VDI / VDE 3845
without bracket

Easy commisioning
electrical connection by connector
or cable output