

Application

Limit switch for submarine applications according to specifications of the French Navy.

- Operating temperature: -25 °C ... +85 °C for **F4** types,
-30 °C ... +70 °C for **FCE** types.
- Permissible pressure: 60 bars absolute for **F4** types,
95 bars absolute for **FCE** types.
- Degree of protection: IP68.
- Mechanical service life: 100 000 cycles.

Description

Two pole limit switches (Two Single Pole Double Throw circuits).

- Bronze casing.
- Stainless steel driving shaft.
- Rotary roller actuator arm.
- Specific connector output.
- Equipressure operation for **FCE** type.
- Internal Microswitches "R" type for **F4 range**,
"H" type for **FCE range**.

Approvals and Compliance to Standards

DCN (French Navy) approved limit switches according to technical specifications : MAT 658-0043 (F44 / F45) or MAT 658-0002 (FCE).

Mechanical characteristics

Characteristics according to the actuating point (arrow) indicated on dimension drawings.

Limit switches		F44, F45	FCE
Max. operating torque	Nm	0.48	0.70
Pretravele	degree	25° max.	15° ±2°
Differential movement	degree	3° ... 8° max.	1° ... 3°
Overtravel ⁽¹⁾	degree	60° max.	not measured : total travel 43° min

(1) Do not exceed this value in use.

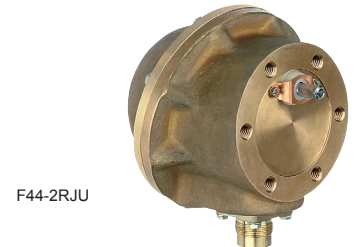
Electrical characteristics

For these devices, electrical data and environmental capabilities are available only on request.

Ordering Details

Please contact us for product codification or conformity with NATO product code.

	P/N	Weight (1 piece) kg
Counterclockwise operation		
DCIH 51-7P (Deutsch) receptacle	F44-2RD	3.500
REC M10 MT0720 (Souriau) receptacle	F44-2RJU	3.500
JCI EE M B1 (Souriau) receptacle	FCE.02.G21.RG	4.000
Clockwise operation		
DCIH 51-7P (Deutsch) receptacle	F45-2RD	3.500
REC M10 MT0720 (Souriau) receptacle	F45-2RJU	3.500
JCI EE M B1 (Souriau) receptacle	FCE.02.G21.RD	4.000



F44-2RJU



FCE.02.G21 ...