



TYPE APPROVAL CERTIFICATE
No. **ELE454125CS**

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Switch disconnecter
<i>Type</i>	SIRCO M1, SIRCO M2
<i>Applicant</i>	SOCOMEK S.A. 1 Rue de Westhouse F 67235 BENFELD CEDEX FRANCE
<i>Manufacturer</i>	SOCOMEK SA
<i>Place of manufacture</i>	1 RUE DE WESTHOUSE BP 10 67235 Benfeld FRANCE
<i>Reference standards</i>	IEC 60947-3:2020 in conjunction with IEC 60947-1:2020; RINA Rules for the Classification of Ships, Pt. C, Ch. 2, Sec. 8

Issued in **Genoa** on **October 10, 2024**. *This Certificate is valid until* **October 10, 2029**

RINA Services S.p.A.
Luigi Benedetti

This certificate consists of this page and 1 enclosure

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SIRCO M1, SIRCO M2

Electrical ratings (*):

Type	SIRCO M1						SIRCO M2		
3-poles with additional 4th pole/models	16	20	25	32	40	CD63	63	80	CD100
Rated operational voltage Ue(V)	415 V								
Rated operational Current Ie(A)									
Conventional free air thermal current Ith(A)	16	20	25	32	40	63	63	80	100
Conventional enclosed thermal current Ithe (A)									
Rated insulation voltage Ui (V)	800	800	800	800	800	800	800	800	800
Rated Insulation Voltage Uimp(kV)	8	8	8	8	8	8	8	8	8
Rated operational current Ie(A)									
Utilization Category AC-23A	16	20	25	32	40	/	63	80	/
Rated operational current Ie(A)									
Utilization Category AC-22A	/	/	/	/	/	63	/	/	100
Rated short-time withstand current Icw-1s (kA rms)	/	/	/	/	/	/	1.5	1.5	1.5
Rated short-circuit making capacity (kArms prospective)	/	/	/	/	/	/	2.1	2.1	2.1
Rated conditional short - circuit (kArms)	50	50	50	50	50	/	50	50	25
Coordination of short circuit protective device									
Kind of protective device: Fuse links gG rating (A)	16	20	25	32	40	/	63	80	100
Rated duty	Uninterrupted duty								
Suitable for isolation	YES								

(*) Current values according to 40°C ambient temperature

Auxiliary contacts type designation:

-2299011 (CA 2NO)

-22990001 (CA NO+NC)

Rated operational voltage Ue(V)	230
Conventional free air thermal current Ith(A)	10
Rated operational Current Ie(A) (AC15)	6
Rated insulation voltage Ui (V)	600
Rated impulse withstand voltage Uimp (Uimp kV)	6
Rated conditional short-circuit current (kA)	1
Rated conditional short-circuit protective device	
Kind of protective device:	Fuse-links type gG rating 16A
Suitable for isolation	NO

(*) Current values according to 40°C ambient temperature

IEC Certificate:

Report n° CN55582-A1 CN55551-A1 (04/2022)

Report n° 00901-CB2021CQC-099881-A1 dated 2020-07-24

Report n° 00901-CB2021CQC-099878-A1 dated 2020-07-24

SIAT Report:

Report n°10402 CPR - Vibration test

Technical Description

SIRCO M e SIRCO MV - Catalogo generale Edizione 2

Reference documents

TAO-APP dated 19/03/2025

Offer 2025/22845 dated 30/07/2025

The documents above-mentioned have been archived in the Leonardo Draw Plus portal under the project:
<https://leodrawplus.rina.org/projects/62945/detail>

Genoa 10/10/2024