



DS- MKS 66

## To whom it may concern

Dalmine, September 30, 2011

**Subject: SRC Obsolete Notice.**

Dear All,

We would like to inform you that SRC contactor is going to move to the Obsolete phase of its Life Cycle from April 1, 2012 as per attached policy (page 2). ABB product life cycle policy covers all Power Products, defines the overall support policy for the entire product life cycle and covers support activities.

A consistent part of the SRC components can hardly be found on the market nowadays with a very critical effect on the product availability. To handle the system in a medium – long term, we suggest to gradual replacing the existing SRC contactor with ABB vacuum contactor currently in production. For this reason we would like to inform you that a full range of retrofitting solutions has been developed. For more details please see the relevant leaflet here below attached.

This Leaflet is also available at our website [www.abb.com/medium](http://www.abb.com/medium) voltage by selecting → Service → Retrofit → Retrofit Solutions Database.

For further information we remain at your disposal with.

Best Regards,

  
**ABB S.p.A.**  
Power Products Division  
Unità Operativa Sace - MV  
Una Società del Gruppo ABB - An ABB Group Company

**ABB S.p.A.**  
Power Products Division



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An ABB Group company

Capitale Sociale / Share Capital. € 107.000.000 - i.v. / fully paid up  
P. IVA / VAT: IT11988960156  
Codice Fiscale / Fiscal Code: 00736410150  
Registro delle Imprese di Milano / Official Company Book: 00736410150  
R.E.A. Milano: 1513225



## Product Life Cycle

### Active

- Released for sale
- In full manufacture by factory
- Actively promoted in assigned markets
- Available to all customers
- Fully supported both technically and via after sales network
- Periodically enhanced through R&D or product improvements

### Restricted

- Product is no longer promoted by the sales force (6 months after new product release)
- Product will be phased out
- 12 months prior to any "Manufacturing End" declaration, ABB will announce the phase out
- Product still available for sale - mainly for expansions of existing systems, supply under frame agreements, in case of space constrains, required functionality not yet covered by the new product, license agreements
- No further enhancements and development maintenance
- Production continues in factory or might already be outsourced

### Legacy

- Product is withdrawn from sales and no longer promoted by the sales force
- Retrofit and Service support continues through the responsible hub but may diminish over time with decreasing installed base
- Price increase (e.g. due to lower volume, vendor component costs, etc.)
- There are no further R&D or design activities on the product
- Product is no longer manufactured by factory

### Obsolete

- Product withdrawn from sales
- Product that is no longer owned by ABB due to divestments
- Product where manufacturing capability is no longer possible
- No longer manufactured as a complete product; only component spares and retrofit solutions available

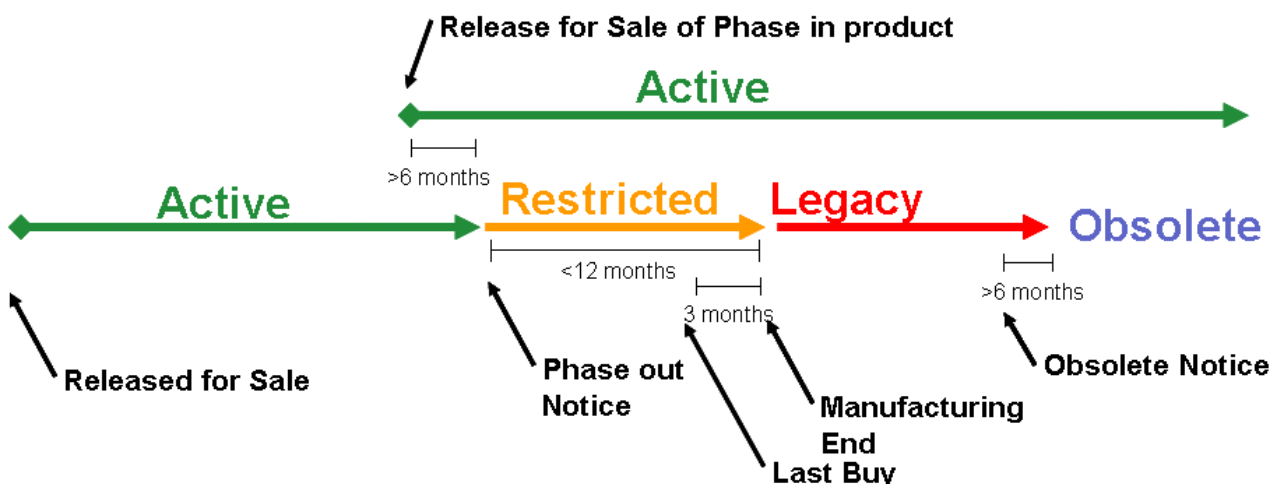


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# Retrofitting Solutions for ABB SF<sub>6</sub> gas SRC contactor

Contactor retrofits are a cost-effective alternative to complete switchgear replacement. ABB Service experts conduct site audits on existing installations to assess the condition of the equipment, recommend the most suitable solutions and technically support the most appropriate investment.

The retrofitting activity is carried out by replacing phased-out devices with current production contactors suitably designed to adapt mechanically and electrically to the existing models in the plant. The result is a great improvement in reliability, safety, maintenance and performances.

ABB Service is a complete system provider for retrofitting solutions, from the proposal to design, through manufacturing and testing, down to installation and commissioning.

## Benefits

### Reliability

- Significant extension of plant life
- Less maintenance
- Wide availability of spare parts

### Safety

- Great reduction in risks of faults
- Additional incorporated safety functions
- Improved operator protection

### Technology

- Latest generation apparatus
- Design according to the IEC 60470 Standard
- Tested and certified contactors

### Project

- Short replacement times
- Minimum switchgear downtime
- Simple plant activities

### Investment

- Limited capital investment
- Reduction of all other maintenance activities
- ABB warranty on the retrofit package



SRC - SF<sub>6</sub> gas contactor

## General information

SRC is the family name of a wide range of SF<sub>6</sub> gas contactors manufactured by ABB in the past and which has now been phased-out.

The installed base includes dedicated apparatus for operation in ABB UniVer C switchgear and CBE1 enclosures, but also models in fixed and withdrawable versions supplied to other manufacturers.

Additional versions were introduced onto the market during the active life cycle of the product, linked to technological development, such as the certified versions for marine applications.

The original design was based on the rotating arc technology in SF<sub>6</sub> gas.

Specific operating procedures have to be applied during maintenance activities and these must be performed by qualified personnel according to EC Regulation 305/2008 and the SF<sub>6</sub> gas must be treated as laid down in EC Regulation 842/2008.



Retrofitting solution with VSC-SRC vacuum contactors



VSC-SRC version for marine plants

### Technical Data

A full range of retrofitting solutions has been developed based on ABB vacuum contactors.

ABB's offer proposes the best apparatus for each switchgear unit, depending on the characteristics of the apparatus inserted in the network and the specific operating requirements of each unit.

The following basic technical data are required in order to provide standard retrofitting solutions:

- rating plate data and serial number
- photos of all four sides
- photo of the interior of the switchgear compartment
- existing functional electric circuit diagram.

### Ratings

| Type                             | VSC-SRC 7 | VSC-SRC 12 |
|----------------------------------|-----------|------------|
| Rated voltage [kV]               | 7.2       | 12         |
| Rated current [A]                | 400       | 400        |
| Rated short-circuit current [kA] | 50 (1)    | 50 (1)     |

(1) Limited by the fuses.

For further information, please contact the Service department at:

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