

Product Information

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FR-D700-SC-EC European Version

Herewith we would like to inform you about the changeover from FR-D700-EC to FR-D700-SC-EC as the standard high volume stocked item.

The FR-D700-SC-EC has the following changes

- A 2nd Transistor output which is sink/source selectable
- **Source logic safety input instead of sink logic**
- With this updated model it is possible to use the FR-D700SC-EC and FR-E700SC-EC in same safety chain
- Now possible to connect directly to our safety PLC's instead of safety relays



This new product will be on stock from **April 2012** to support your key and target customer activities.

All Dimensions / Options will remain the same, as well as EMC behaviour.

The 2nd Transistor output will improve our sales chance against e.g. Yaskawa V1000.

The FR-D700-EC will still be available, but with reduced stock level, in order to support customers who would like to enhance existing safety applications, or need units to retrofit safety applications.

Stock reduction will take place from **August 2012**, but can still be ordered without limitation until further notice.

Please note that you are not allowed to mix D700-EC and D700-SC-EC in one safety multi drop connection.

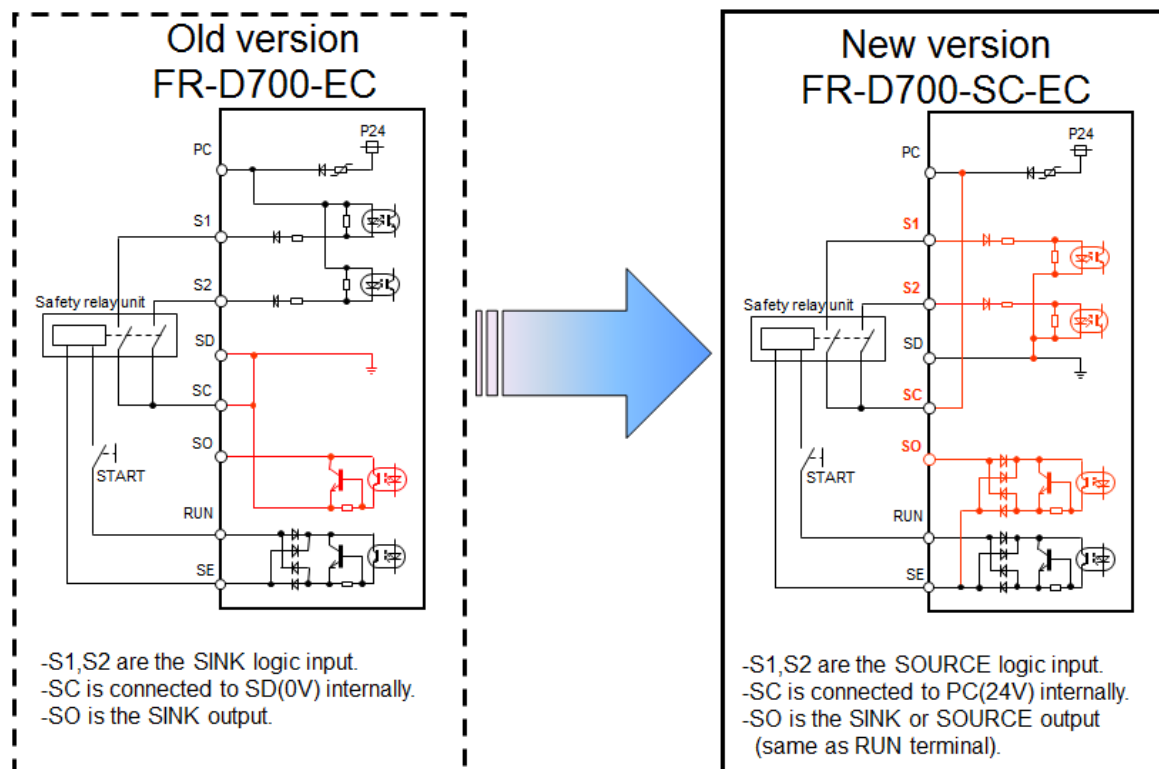
For your information please find below a comparison list of the FR-D700-EC and FR-D700-SC-EC versions including the article numbers:

Old Standard			New Standard		
FR-D720S-EC			FR-D720S-SC-EC		
Type	SAP Code	power[kW] 150% for 60s 200% for 3s	Type	SAP Code	power[kW] 150% for 60s 200% for 3s
FR-D720S-008-EC	214189	0,1	FR-D720S-008SC-EC	247595	0,1
FR-D720S-014-EC	214190	0,2	FR-D720S-014SC-EC	247596	0,2
FR-D720S-025-EC	214191	0,4	FR-D720S-025SC-EC	247597	0,4
FR-D720S-042-EC	214192	0,75	FR-D720S-042SC-EC	247598	0,75
FR-D720S-070-EC	214193	1,5	FR-D720S-070SC-EC	247599	1,5
FR-D720S-100-EC	214194	2,2	FR-D720S-100SC-EC	247600	2,2
FR-D740-EC			FR-D740-SC-EC		
FR-D740-012-EC	212414	0,4	FR-D740-012SC-EC	247601	0,4
FR-D740-022-EC	212415	0,75	FR-D740-022SC-EC	247602	0,75
FR-D740-036-EC	212416	1,5	FR-D740-036SC-EC	247603	1,5
FR-D740-050-EC	212417	2,2	FR-D740-050SC-EC	247604	2,2
FR-D740-080-EC	212418	3,7	FR-D740-080SC-EC	247605	3,7
FR-D740-120-EC	212419	5,5	FR-D740-120SC-EC	247606	5,5
FR-D740-160-EC	212420	7,5	FR-D740-160SC-EC	247607	7,5

Documentation:

D700SC-EC will be added to the current FR-D700 manuals, and will be available on the official website soon.

Safety Circuit and Transistor output differences:



Technical details FR-D700-SC-EC:

Dimensions	width x hights x depth (mm)
Capacity	FR-D700-EC/FR-D700-SC-EC
FR-D720S-008-EC / FR-D720S-008-SC-EC	68x128x80.5
FR-D720S-014-EC / FR-D720S-014-SC-EC	68x128x80.5
FR-D720S-025-EC / FR-D720S-025-SC-EC	68x128x142.5
FR-D720S-042-EC / FR-D720S-042-SC-EC	68x128x162.5
FR-D720S-070-EC / FR-D720S-070-SC-EC	108x128x155
FR-D720S-100-EC / FR-D720S-100-SC-EC	140x150x145
FR-D740-012-EC / FR-D740-012-SC-EC	108x128x129.5
FR-D740-022-EC / FR-D740-022-SC-EC	108x128x129.5
FR-D740-036-EC / FR-D740-036-SC-EC	108x128x135.5
FR-D740-050-EC / FR-D740-050-SC-EC	108x128x155.5
FR-D740-080-EC / FR-D740-080-SC-EC	108x128x165.5
FR-D740-120-EC / FR-D740-120-SC-EC	220x150x155
FR-D740-160-EC / FR-D740-160-SC-EC	220x150x156