What replaced Integral 18 and 32 DOL reversing starters – LD5, LB1 and LB6?

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Integral Replaced by Tesys U

Integral 18 and 32 reversing DOL (old model)	Tesys U reversing LU2B (new model)

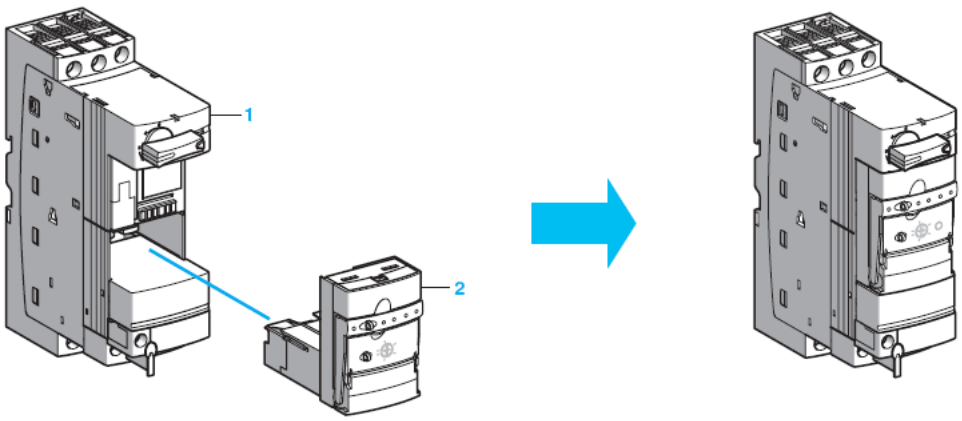
The Integral 18 and 32 series starters have been discontinued. They have been replaced by the Tesys U series.

The old Integral and the current range Tesys U serve similar purposes but they are very different devices.

Integral - was very much "traditional" and conventional technology.

Tesys U - employs different, more modern and efficient structures and technology, therefore there is no compatibility or interchangeability between any of the parts. This means that to replace any part of the Integral starter will require changing the complete unit for a Tesys U. As there are no directly equivalent

To replace the simple motor starter aspect is easy. A basic Tesys U Motor Starter comprises only 2 parts, the base unit (1) (which contains the reversing contactor, rated at up to 12A or 32A (LU2B12 or LU2B32 respectively) and a Control unit (2), which determines both the control voltage and the overload current range.



There are 4 levels of control unit (2) with varying levels of functionality, Standard (LUCA) Advanced (LUCB, LUCC and LUCD) and Multifunction (LUCM) and also a Magnetic only version (LUCL).

When replacing Integral it is probably best to go with the Advanced unit (LUCB****) as this gives the optimum level of simplicity and cost combined with flexibility to add additional modules to replicate some of the more complex functions possible with Integral.

Check information, download datasheets and catalogues about the Tesys U and use the Tesys U configurator tool.

Cross Reference Table

Integral Sub range	Obsolete Reference	Corrent range
Reversing base DOL 18A	LD5LB130*	LU2B12 or LU2B32
Reversing base DOL 32A	LD5LC030* / LD5LC130*	LUB32
Protective Module	LB1LB03P** / LB1LC03M** / LB6LC03M**	Tesys U Control Unit
*coil voltage codes **amperage codes		

NOTE: Data sheets about new Tesys U are available on the website to download, use the search engine (top right corner)

See also FAQ number FA141914 and FA141913 (the DOL reversing and non-reversing using Tesys D) and FAQ number FA141939 (using Tesys U to replace non-reversing Integral 18 and 32)

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