



SIEMENS

SIRIUS 3RS70 signal converters - for analog standard and universal signals Product Migration Guide



Signal converters perform the coupling function for analog signals on both the input side and the output side of controllers. With 3RS70 it is also possible to convert an analog standard signal to a frequency modulated binary signal for processing with a digital input. In 3-way separation, each circuit is galvanically isolated from the other circuits, i.e. input, output, and supply voltage are not linked. Only minimal space required on the standard mounting rail due to the narrow design of just 6.2 mm and reduced depth and height of the enclosure.

SIRIUS 3RS70: Standard signal and universal converters – in slimline, compact design

Features of the 3RS70 signal converters	Benefits
Width of 6.2 mm across the entire range	Reducing space in the control cabinet
Implemented frequency outputs, which convert the input signal into a proportional frequency	Analog signals can be processed with digital inputs
“Fir tree” profile	All terminals are easily accessible
Spring-type terminals wired at the top	Clear view of the terminal – easy wire insertion and reliable wiring (no tools needed)
Overvoltage and EMC protection	Outputs are safe from short circuits and EMC interference
Reasons to change	
New product 3RS70	Former product 3RS17
Simplified logistics thanks to few device variants	Higher device variance
High-quality, modern titanium grey design - consistent with all other Siemens devices in the control cabinet	Colour: light grey
Option of either screw terminals or spring-type terminals with push-in technology	Screw terminals or spring-type terminals

Useful Links:

[siemens.com/relays](https://www.siemens.com/relays)

[SIRIUS 3RS70 signal converters at RS online](#)