


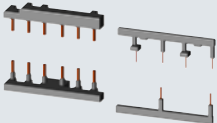










## Overview

The function modules for mounting onto contactors enable the assembly of starters and contactor assemblies for direct-on-line, reversing and wye-delta starting without any additional, complicated wiring of the individual components.

They include the key control functions required for the particular feeder, e.g. timing and interlocking, and can be connected to the control system by either parallel wiring or through IO-Link or AS-Interface.

Version	SIRIUS 3RA28 function modules	SIRIUS 3RA27 function modules for IO-Link <sup>1)</sup>	SIRIUS 3RA27 function modules for AS-Interface <sup>1)</sup>
For direct-on-line starting	Timing relays: ON-delay or OFF-delay with semiconductor output With screw or spring-type terminals 	With screw or spring-type terminals 	With screw or spring-type terminals 
For reversing starting	Wiring modules for size S00 to S2 contactors With screw or spring-type terminals (with screw terminals for main and control circuit) 	1 function module for size S00 to S2 contactors with screw or spring-type terminals plus the respective wiring modules <sup>1)</sup> 	1 function module for size S00 to S2 contactors with screw or spring-type terminals plus the respective wiring modules <sup>1)</sup> 
For wye-delta starting	1 function module for size S00 to S2 contactors with screw or spring-type terminals plus the respective wiring modules <sup>2)</sup> 	1 function module for size S00 to S2 contactors with screw or spring-type terminals plus the respective wiring modules <sup>2)</sup> 	1 function module for size S00 to S2 contactors with screw or spring-type terminals plus the respective wiring modules <sup>2)</sup> 
Accessories	Sealable covers 	Operator panel for autonomous control of up to four feeders Module connector for the grouping of starters Connection cable between the operator panel and the feeder group Sealable covers 	AS-Interface addressing unit 3RK1904-2AB02 (see Chapter 2, "Industrial Communication") Sealable covers 

<sup>1)</sup> Use of the communication-capable function modules for IO-Link or AS-Interface requires contactors with voltage tap-off; see "Power contactors for switching motors" -> "SIRIUS 3RT20 contactors, 3-pole".

<sup>2)</sup> The modules for the control current wiring, which are included in the wiring kit, are not required.

### Note:

When using the function modules, no further auxiliary switches are allowed to be connected to the basic units.