

3RA14 Contactor Assemblies for Wye-Delta Starting

3RA14 complete units, 3 ... 75 kW

Components for customer assembly

Installation kits with wiring modules and, if necessary, mechanical connectors are available for contactor assemblies for wye-delta starting. Contactors, overload relays, wye-delta timing relays, auxiliary switches for electrical interlock – if required also feeder terminals, mechanical interlocks (exception: In the case of the installation kit for size S00 contactor assemblies the mechanical interlock between the delta contactor and the star contactor is included in the kit) and base plates – must be ordered separately.

The wiring kits for sizes S00 and S0 contain the top and bottom main conducting path connections between the line and delta contactors (top) and between the delta and star contactors (bottom).

In the case of sizes S2 to S12 only the bottom main conducting path connection between the delta and star contactors is included in the wiring module, owing to the larger conductor cross-section at the infeed.

Motor protection

Overload relays or thermistor motor protection tripping units can be used for overload protection.

The overload relay can be either mounted onto the line contactor or separately fitted. It must be set to 0.58 times the rated motor current.

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Installation kit B, for single infeed	Star jumper	Base plates	Overload relay, thermal (trip class CLASS 10)		Overload relay, solid-state (trip class CLASS 10)	
			Setting range A	Order No.	Setting range A	Order No.
3RA19 13-2B ¹⁾	3RT19 16-4BA31	—	5.5 ... 8 7 ... 10	3RU11 16-1HB0 3RU11 16-1JB0	3 ... 12	3RB20 16-1SB0
3RA19 23-2B ²⁾	3RT19 26-4BA31	—	11 ... 16 14 ... 20 20 ... 25	3RU11 26-4AB0 3RU11 26-4BB0 3RU11 26-4DB0	6 ... 25	3RB20 26-1QB0
3RV19 35-1A	3RT19 26-4BA31 3RT19 36-4BA31	3RA19 32-2E 3RA19 32-2F	18 ... 25 28 ... 40 36 ... 45 40 ... 50	3RU11 36-4DB0 3RU11 36-4FB0 3RU11 36-4GB0 3RU11 36-4HB0	12.5 ... 50	3RB20 36-1UB0
—	3RT19 36-4BA31	3RA19 42-2E	45 ... 63 70 ... 90	3RU11 46-4JB0 3RU11 46-4LB0	25 ... 100	3RB20 46-1EB0
3RA19 53-3D ⁴⁾	3RT19 46-4BA31	3RA19 52-2E	—	—	50 ... 200	3RB20 56-1FC2
—	3RT19 56-4BA31	3RA19 62-2E	—	—	55 ... 250	3RB20 66-1GC2
—	3RT19 66-4BA31	3RA19 72-2E	—	—	160 ... 630	3RB20 66-1MC2