

39. ELECTROMAGNETIC CONTACTORS AND RELAYS

MODULAR CONTACTORS

PURPOSE

Electromagnetic contactors in modular housings for direct mounting on 35 mm rail.

FUNCTIONING

Applying the supply voltage to the contactor coil switches the contact. Switching state of the contactor is indicated by a red marker in the window. After a power failure, contactors return to its original position.

ST25



ST40



ST63



ST100



Type	Contactors	Main circuit current	Total power AC1 cat. [230V]	Total power AC3 cat. [230V]	Coil supply voltage	Power consumption	Module	Weight	Screw terminals
ST25-20	2×NO	25A	4kW	1.3kW	230V AC	2.2W	1	106g	4mm ²
ST25-20/24	2×NO	25A	4kW	1.3kW	24V AC	2.2W	1	106g	4mm ²
ST25-11	1×NO+1×NC	25A	4kW	1.3kW	230V AC	2.2W	1	106g	4mm ²
ST25-30	3×NO	25A	9kW	2.2kW	230V AC	4.0W	2	168g	6mm ²
ST25-31	3×NO+1×NC	25A	9kW	2.2kW	230V AC	4.0W	2	168g	6mm ²
ST25-31/24	3×NO+1×NC	25A	9kW	2.2kW	24V AC	4.0W	2	168g	6mm ²
ST25-40	4×NO	25A	9kW	2.2kW	230V AC	4.0W	2	168g	6mm ²
ST25-40/24	4×NO	25A	9kW	2.2kW	24V AC	4.0W	2	168g	6mm ²
ST25-04	4×NC	25A	9kW	2.2kW	230V AC	4.0W	2	168g	6mm ²
ST25-22	2×NO+2×NC	25A	9kW	2.2kW	230V AC	4.0W	2	168g	6mm ²
ST40-04	4×NC	40A	16kW	5.5kW	230V AC	6.4W	3	241g	16mm ²
ST40-22	2×NO+2×NC	40A	16kW	5.5kW	230V AC	6.4W	3	241g	16mm ²
ST40-40	4×NO	40A	16kW	5.5kW	230V AC	6.4W	3	241g	16mm ²
ST40-40/24	4×NO	40A	16kW	5.5kW	24V AC	6.4W	3	241g	16mm ²
ST40-31	3×NO+1×NC	40A	16kW	5.5kW	230V AC	6.4W	3	241g	16mm ²
ST63-40	4×NO	63A	24kW	8.5kW	230V AC	6.4W	3	241g	16mm ²
ST63-40/24	4×NO	63A	24kW	8.5kW	24V AC	6.4W	3	241g	16mm ²
ST63-31	3×NO+1×NC	63A	24kW	8.5kW	230V AC	6.4W	3	241g	16mm ²
ST100-20	2×NO	100A	22kW	8.0kW	230V AC	6.4W	3	305g	25mm ²
ST100-40	4×NO	100A	38kW	13.0kW	230V AC	9.0W	6	617g	25mm ²

standard no.	IEC 61095
electrical endurance	1×10 ⁷
electrical endurance (mechanical)	1×10 ⁶
insulation voltage	4.0kV
working temperature	-25÷50°C
mounting	on TH-35 rail
protection level	IP20

