

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS SIMATIC S7

3RK1301-1BB00-1AA2

FAILSAFE REVERSING MOTOR STARTER

Used with the applicable SIMATIC ET 200S configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official product documentation

SIMATIC

ET 200S

Motor starters

Fail-Safe Motor Starters Safety-Integrated Systems

Manual

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Parts list

The following parts list contains all the components required for an ET 200S sample configuration with motor starters and safety-integrated systems (see [Figure 1-3](#)).

Abbreviation	Order number	Description
IM 151	6ES7151-1AA00-0AB0	IM 151 interface module
PM-D	3RK1903-0BA00	Power module for motor starter
TM-P15 S27-01	3RK1903-0AA00	Terminal module for power module
TM-DS45S32	3RK1903-0AB00	Terminal module for direct starter; standard with power bus infeed
DS-x1	3RK1301-0KB00-0AA2	Direct starter; standard, electromechanical, 0.9 to 1.25 A
TM-PF30 S47-B1	3RK1903-1AA10	Terminal module with infeed for power module
PM-D F1	3RK1903-1BA00	Power module for emergency stop
TM-DS45S32	3RK1903-0AB00	Terminal module for direct starter; standard with power bus infeed
DS-x1	3RK1301-1EB00-0AA2	Direct starter; standard, electromechanical, 2.8 to 4.0 A
Fail-safe kit 1	3RK1903-1CA00	Fail-safe kit 1, for direct starter; standard
TM-RS90S31	3RK1903-0AC10	Terminal module for reversing starter; standard with power bus throughfeed
RS-x1	3RK1301-1BB00-1AA2	Reversing starter; standard, electromechanical, 1.4 to 2.0 A
Fail-safe kit 2	3RK1903-1CA01	Fail-safe kit 2, for reversing starter; standard
TM-DS65 S32 -01 FS L	3RK1903-0AK00	Terminal module for direct starter; high feature with power bus infeed
DS1e-x	3RK1301-0CB10-0AB4	Direct starter; high feature with electronic overload protection, 2.4 to 16 A
TM-X15 S27-01	3RK1903-1AB00	Terminal module for connection module
PM-X	3RK1903-1CB00	Connection module
		Terminating cover (component of the terminal modules with power bus infeed for power modules of motor starters)
		Terminating module (component of the IM 151)
	3RT1035-1BB40	Infeed contactor as 2nd deactivation possibility, e.g. SIRIUS, size 2

B.1 Motor starters

B.1.1 ET 200S DS1-x direct starter; standard / ET 200S RS1-x reversing starter; standard

Adjustment range		Order number	
kW	A	Direct starter (DS1-x)	Reversing starter (RS1-x)
< 0.06	0.14 - 0.20	3RK1301- 0BB 00- 0AA2	3RK1301- 0BB 00- 1AA2
0.06	0.18 - 0.25	3RK1301- 0CB 00- 0AA2	3RK1301- 0CB 00- 1AA2
0.09	0.22 - 0.32	3RK1301- 0DB 00- 0AA2	3RK1301- 0DB 00- 1AA2
0.10	0.28 - 0.40	3RK1301- 0EB 00- 0AA2	3RK1301- 0EB 00- 1AA2
0.12	0.35 - 0.50	3RK1301- 0FB 00- 0AA2	3RK1301- 0FB 00- 1AA2
0.18	0.45 - 0.63	3RK1301- 0GB 00- 0AA2	3RK1301- 0GB 00- 1AA2
0.21	0.55 - 0.80	3RK1301- 0HB 00- 0AA2	3RK1301- 0HB 00- 1AA2
0.25	0.70 - 1.00	3RK1301- 0JB 00- 0AA2	3RK1301- 0JB 00- 1AA2
0.37	0.90 - 1.25	3RK1301- 0KB 00- 0AA2	3RK1301- 0KB 00- 1AA2
0.55	1.10 - 1.60	3RK1301- 1AB 00- 0AA2	3RK1301- 1AB 00- 1AA2
0.75	1.40 - 2.00	3RK1301- 1BB 00- 0AA2	3RK1301- 1BB 00- 1AA2
0.90	1.80 - 2.50	3RK1301- 1CB 00- 0AA2	3RK1301- 1CB 00- 1AA2
1.10	2.20 - 3.20	3RK1301- 1DB 00- 0AA2	3RK1301- 1DB 00- 1AA2
1.50	2.80 - 4.00	3RK1301- 1EB 00- 0AA2	3RK1301- 1EB 00- 1AA2
1.90	3.50 - 5.00	3RK1301- 1FB 00- 0AA2	3RK1301- 1FB 00- 1AA2
2.20	4.50 - 6.30	3RK1301- 1GB 00- 0AA2	3RK1301- 1GB 00- 1AA2
3.00	5.50 - 8.0	3RK1301- 1HB 00- 0AA2	3RK1301- 1HB 00- 1AA2
4.00	7.00 - 10.0	3RK1301- 1JB 00- 0AA2	3RK1301- 1JB 00- 1AA2
5.50	9.00 - 12.0	3RK1301- 1KB 00- 0AA2	3RK1301- 1KB 00- 1AA2