

DESCRIPTION

PRODUCT COVERED

USL, CNL - ET 200S Motor Starter, Type 3RK13 followed by 0 followed by 1 followed by **combination of 0 or 1 and a letter A through K** followed by B followed by 0 followed by a number followed by 0 or 1 followed by AA0, AA1 or AA2.

Accessories: Terminal Modules, Power Modules, Distance Modules, Connection Modules, Failsafe Kits or Terminal Blocks, Type 3RK1903- followed by 0AA, 0AB, 0AC, 0AE, 0AF, 0AG, 0AH, 0AJ, 0BA, 0CB, 0CC, 0CD, 0CE, 0CF, 0CH, *1AA, 1AB, 1BA, 1BB, 1BC, 1BD, 1BE, 1CA, 1CB or 2AA followed by 00, 01 or 10

GENERAL:

These devices are open type, interfaced motor starters with certified manual motor controller and contactors for use in industrial applications.

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

USL - Indicates Investigate to UL508 17th Edition

CNL- Indicates Investigated to Canadian National Standard(s) C22.2 No. 14-M05

Note: CNL = Canadian National Standards - Listed.

USL = United States Standards - Listed.

RATINGS:

Motor Starter ET200S: 600 V ac, 12 A max. (Type 3RK13)

24 V dc control voltage.

Suitable for Group Installation: 480 V, 50,000 rms symmetrical amperes max.

600 V, 10,000 rms symmetrical amperes max.

Branch Circuit Protective device: The appropriate BCPD needs to be determined in accordance with the National Electrical Code, NFPA-70 Article 430-53 and the application. The following devices are permitted:

Fuses: Classes RK1, RK5, J, G, T, CC

Circuit Breakers: Listed Siemens type, with a marked short -circuit rating equal or larger than the available short circuit rating.

All devices except suffix -1J and -1K are suitable for tap conductor protection in group applications used on the above levels.

600 V ac, 40 A for modules 3RK1903-0A. or 3RK1903-2A. max.

250 V dc, 0.27 A or 24 V dc, 4 A, for module 3RK1903-OAG.

NOMENCLATURE BREAKDOWN

3RK13	0	1	-	..	B	0	.	-	0	AA0
I	II	III		IV	V	VI	VII		VIII	IX

I. Basic Type 3RK13, motor starter

II. Type of interface
0 - Profibus-DP

III. Product type
1 - ET 200S motor starter

IV. Electrical data of certified manual motor controllers and contactors
Setting range

Suffix	from	to (A)
0A	0.11	0.16
0B	0.14	0.2
0C	0.18	0.25
0D	0.22	0.32
0E	0.28	0.4
0F	0.35	0.5
0G	0.45	0.63
0H	0.55	0.8
0J	0.7	1
0K	0.9	1.25
1A	1.1	1.6
1B	1.4	2
1C	1.8	2.5
1D	2.2	3.2
1E	2.8	4
1F	3.5	5
1G	4.5	6.3
1H	5.5	8
1J	7	10
1K	9	12

V. Type of enclosure
B - Open type

VI. Type of function
0 - Electromechanical starter

VII. Version
. - Manufacturer's identification

VIII. Mode of operation
0 - Direct-on-line starter
1 - Reversing starter

IX. Model
AA0 - Standard model
AA1 - Standard model with interface for extension modules
AA2 - Standard model with interface for extension modules and electronic inputs are provided.

<u>3RK1903</u>	-	<u>0</u>	<u>A</u>	<u>A</u>	<u>00</u>
I		II	III	IV	V

- I. Accessories Type 3RK1903 for ET 200S motor starters
- II. Accessory groups
 - 0 - Accessories for motor starters
 - 1 - Accessories for safety applications SIGUARD
 - 2 - Accessories for power supply
- III. Type of Accessories
 - A - Terminal module
 - B - Power module
 - C - Special module
- IV. Model Design
 - A to J - Model design
- V. Model
 - 00 - Standard model
 - 01 or 10 - Special model