

**USING
AUTOMATIONDIRECT
PLCs WITH
SR44 SOFT STARTERS**



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Compatibility Overview

- The SR44 control input accepts 12/24 VDC and 115/230 VAC.
- The SR44 relay outputs are rated for 230 VAC @ 3A, and 24 VDC @ 3A.

The inputs and outputs are compatible with PLC I/O as shown in the following tables.

CLICK PLC I/O Compatible with SR44 Soft Starters

CLICK PLCs Compatible with SR44 Soft Starters	
CLICK PLCs	
C0-00AR-D	PLC, 8 AC IN / 6 RELAY OUT MICRO PLC REQUIRES 24VDC POWER
C0-00DD1-D	PLC, 8 DC IN / 6 SINKING DC OUT MICRO PLC REQUIRES 24VDC POWER
C0-00DD2-D	PLC, 8 DC IN / 6 SOURCING DC OUT MICRO PLC REQUIRES 24VDC POWER
C0-00DR-D	PLC, 8 DC IN / 6 RELAY OUT MICRO PLC REQUIRES 24VDC POWER
C0-02DD1-D	MICRO ANLG PLC, 4 DC IN / 4 SINK OUT, 2-CH IN / 2-CH OUT, REQUIRES 24VDC PWR
C0-02DD2-D	MICRO ANLG PLC, 4 DC IN / 4 SOURCE OUT, 2-CH IN / 2-CH OUT, REQUIRES 24VDC PWR
C0-02DR-D	MICRO ANLG PLC, 4 DC IN / 4 RELAY OUT, 2-CH IN / 2-CH OUT, REQUIRES 24VDC PWR
CLICK AC I/O & Relay Outputs	
C0-04TRS	4PT 6-240VAC/6-27VDC ISOLATED RELAY OUTPUT SPDT 7A PER POINT
C0-08TA	8PT 17-240VAC OUTPUT MODULE 0.3AMPS PER POINT
C0-08TR	8PT 6-240VAC/6-27VDC RELAY OUTPUT 1A 2 ISOLATED COMMONS
CLICK DC I/O	
C0-08TD1	8PT 12-24VDC OUTPUT MODULE SINKING OUTPUTS
C0-08TD2	8PT 12-24VDC OUTPUT MODULE SOURCING OUTPUTS
C0-16TD1	16PT 12-24VDC OUTPUT MODULE SINKING OUTPUTS
C0-16TD2	16PT 12-24VDC OUTPUT MODULE SOURCING OUTPUTS

DL05/DL06 PLC I/O Compatible with SR44 Soft Starters

DL05/DL06 PLCs Compatible with SR44 Soft Starters	
DL05 PLCs	
D0-05AA	8 AC IN / 6 AC OUT MICRO PLC W/AC P/S
D0-05AD	8 AC IN / 6 DC OUT MICRO PLC W/AC P/S
D0-05AR	8 AC IN / 6 RELAY OUT MICRO PLC W/AC P/S
D0-05DD	8 DC IN / 6 DC OUT MICRO PLC W/AC P/S
D0-05DD-D	8 DC IN / 6 DC OUT MICRO PLC DC POWER SUPPLY
D0-05DR	8 DC IN / 6 RELAY OUT MICRO PLC W/AC P/S
D0-05DR-D	8 DC IN / 6 RELAY OUT MICRO PLC DC POWER SUPPLY
DL05/DL06 Discrete I/O	
D0-07CDR	COMBO 4 PT 12-24VDC INPUT 3 PT RELAY OUTPUT
D0-08CDD1	COMBO 4 PT 12-24VDC INPUT 4 PT 12-24VDC OUTPUT
D0-08TR	8PT RELAY OUTPUT 6-27VDC OR 6-240VAC
D0-10TD1	10PT 12-24VDC SINK OUTPUT
D0-10TD2	10PT 12-24VDC SOURCE OUTPUT
D0-16TD1	16PT 6-27 VDC SINK OUTPUT
D0-16TD2	10PT 12-24VDC SOURCE OUTPUT
F0-04TRS	4PT ISO RELAY OUTPUT 5-30VDC OR 5-125VAC
DL06 PLCs	
D0-06AA	DL06 20 AC IN / 16 AC OUT MICRO PLC W/AC P/S
D0-06AR	DL06 20 AC IN / 16 RELAY MICRO PLC W/AC P/S
D0-06DA	DL06 20 DC IN / 16 AC OUT MICRO PLC W/AC P/S
D0-06DD1	DL06 20 DC IN / 16 DC OUT MICRO PLC W/AC P/S
D0-06DD1-D	DL06 20 DC IN / 16 DC OUT MICRO PLC W/DC P/S
D0-06DD2	DL06 20 DC IN / 16 DC OUT MICRO PLC W/AC P/S
D0-06DD2-D	DL06 20 DC IN/16 DC OUT SRC MICRO PLC W/DC P/S
D0-06DR	DL06 20 DC IN / 16 RELAY MICRO PLC W/AC P/S
D0-06DR-D	DL06 20 DC IN / 16 RELAY MICRO PLC W/DC P/S

DL105 PLC I/O Compatible with SR44 Soft Starters

DL105 PLCs Compatible with SR44 Soft Starters	
DL105 PLCs	
F1-130AA	10 AC INPUT/8 AC OUTPUT 85-265VAC .5A 24VDC
F1-130AD	10 AC INPUT/8 DC OUTPUT 85-265VAC .5A 24VDC
F1-130AR	10 AC INPUT/8 RELAY OUTPUT
F1-130DA	10 DC INPUT/8 AC OUTPUT 85-265VAC .5A 24VDC
F1-130DD	10 DC INPUT/8 DC OUTPUT 85-265VAC .5A 24VDC
F1-130DD-D	10 DC INPUT/8 DC OUTPUT 10-30VDC P/S
F1-130DR	10 DC INPUT/8 RELAY OUTPUT 85-265VAC .5A 24VDC
F1-130DR-D	10 DC INPUT/8 RELAY OUTPUT 10-30VDC P/S

DL205 PLC I/O Compatible with SR44 Soft Starters

DL205 PLCs Compatible with SR44 Soft Starters	
DL205 AC I/O	
D2-08TA	8PT 18-220VAC OUTPUT
D2-12TA	12PT 18-110VAC OUTPUT
F2-08TA	8PT 24-140VAC OUTPUT HIGH CURRENT 1.5A/PT
DL205 DC I/O	
D2-04TD1	4PT 12-24VDC SINK OUTPUT
D2-08TD1	8PT 12-24VDC SINK OUTPUT
D2-08TD2	8PT 12-24VDC SOURCE OUTPUT
D2-16TD1-2	16PT 12-24VDC SINK (2TERM) 0.1A/PT 1.6A/MODULE
D2-16TD2-2	16PT 12-24VDC SOURCE(2TERM) 0.1A/PT 1.6A/MODULE
D2-32TD1	32PT 24V DC OUTPUT MODULE
D2-32TD2	32PT 24V DC SOURCING OUTPUT
F2-16TD1P	16 PT 12-24VDC SINKING OUTPUT ELECTRONIC SHORT CIRCUIT PROTECTED
F2-16TD2P	16 PT 12-24VDC SOURCING OUTPUT ELECTRONIC SHORT CIRCUIT PROTECTED
DL205 AC/DC I/O (Relay Outputs)	
D2-04TRS	4PT ISOLATED RELAY OUTPUT 5-30VDC OR 5-250VAC
D2-08CDR	COMBO 4 PT 24VDC INPUT AND 4 PT RELAY OUTPUT
D2-08TR	8PT RELAY OUTPUT 5-30VDC OR 5-240VAC
D2-12TR	12PT RELAY OUTPUT 5-30VDC OR 5-250VAC
F2-08TR	8PT RELAY OUT 10A/COMMON 12-28VDC / 12-250VAC
F2-08TRS	8PT RELAY OUTPUT 12-28VDC OR 12-250VAC

DL305 PLC I/O Compatible with SR44 Soft Starters

DL305 PLCs Compatible with SR44 Soft Starters	
DL305 AC I/O	
D3-04TAS	4PT 110/220VAC ISOLATED OUTPUT
D3-08TA-1	8PT 110/220VAC OUTPUT REMOVABLE TERM BLK
D3-08TA-2	8PT 110/220VAC OUTPUT NON-REMOVABLE BLOCK
D3-16TA-2	16PT 15-220VAC OUTPUT
F3-08TAS-1	8PT 20-125VAC ISOLATED OUTPUT 1.5A/POINT, 8 COMMONS (ISOLATED)
F3-16TA-2	16PT 20-125VAC OUTPUT MODULE 1.1A
DL305 DC I/O	
D3-04TD1	4PT 5-24VDC SINK OUTPUT
D3-08TD1	8PT 5-24VDC SINK OUTPUT
D3-08TD2	8PT 5-24VDC SOURCE OUTPUT
D3-16TD1-1	16PT 5-24VDC SINK OUTPUT
D3-16TD2	16PT 5-24VDC SOURCE OUTPUT
DL305 AC/DC I/O (Relay Outputs)	
D3-08NE3	8PT 24VAC/VDC SINK SOURCE INPUT
D3-08TR	8PT 5-30VDC OR 5-220VAC RELAY OUTPUT
D3-16NE3	16PT 24VAC/VDC SINK SOURCE INPUT
D3-16TR	16PT RELAY 5-30VDC OR 5-220VAC OUTPUT
F3-08TRS-1	8PT RELAY 12-30VDC OR 12-220VAC OUTPUT
F3-08TRS-2	8PT RELAY 12-30VDC OR 12-220VAC OUTPUT
F3-08TRS-5	8PT RELAY 12-30VDC OR 12-220VAC OUTPUT

DL405 PLC I/O Compatible with SR44 Soft Starters

DL405 PLCs Compatible with SR44 Soft Starters	
DL405 AC I/O	
D4-08TA	8PT 18-220VAC OUTPUT
D4-16TA	16PT 18-220VAC OUTPUT
DL405 DC I/O	
D4-08TD1	8PT 12-24VDC SINK OUTPUT
D4-16TD1	16PT 5-24VDC SINK OUTPUT
D4-16TD2	16PT 12-24VDC SOURCE OUTPUT
D4-32TD1	32PT 5-24VDC SINK OUTPUT
D4-32TD1-1	32PT 5-15VDC SINK OUTPUT
D4-32TD2	32PT 5-15VDC SINK OUTPUT
D4-64TD1	64PT 5-24VDC SINK OUTPUT
F4-08TD1S	8PT 24-150VDC SINK SOURCE ISOLATED OUTPUT
DL405 AC/DC I/O (Relay Outputs)	
D4-08TR	8PT RELAY 5-30VDC OR 5-250VAC OUTPUT
D4-16TR	16PT RELAY 5-30VDC OR 5-250VAC OUTPUT
F4-08TRS-1	8PT RELAY 12-30VDC OR 12-250VAC OUTPUT
F4-08TRS-2	8PT RELAY 12-30VDC OR 12-250VAC OUTPUT

P3000 PLC I/O Compatible with SR44 Soft Starters

P3000 PLCs Compatible with SR44 Soft Starters	
P3000 DC I/O	
P3-08TD1S	8PT ISOLATED SINKING OUTPUT, 6-27VDC, PRODUCTIVITY3000 DC OUTPUT MODULE
P3-08TD2S	8PT ISOLATED SOURCE OUTPUT, 6-27VDC, PRODUCTIVITY3000 DC OUTPUT MODULE
P3-16TD1	16PT SINKING OUTPUT, 6-27VDC, PRODUCTIVITY3000 DC OUTPUT MODULE
P3-16TD2	16PT SOURCING OUTPUT, 6-27VDC, PRODUCTIVITY3000 DC OUTPUT MODULE
P3-32TD1	32PT SINKING OUTPUT, 12-24VDC, PRODUCTIVITY3000 DC OUTPUT MODULE
P3-32TD2	32PT SOURCE OUTPUT, 20-30VDC, PRODUCTIVITY3000 DC OUTPUT MODULE
P3-64TD1	64PT SINKING OUTPUT, 6-27VDC, PRODUCTIVITY3000 DC OUTPUT MODULE
P3-64TD2	64PT SOURCE OUTPUT, 20-30VDC, PRODUCTIVITY3000 DC OUTPUT MODULE
P3000 AC/DC I/O (Relay Outputs)	
P3-08TAS	8PT ISOLATED OUTPUT, 80-288VAC, PRODUCTIVITY3000 AC OUTPUT MODULE
P3-08TRS	8PT ISOLATED RELAY (8 FORM A), PRODUCTIVITY3000 RELAY OUTPUT MODULE
P3-08TRS-1	8CH, ISOLATED, 5A RELAY, OUTPUT MODULE PRODUCTIVITY 3000 RELAY OUTPUT MODULE
P3-16TA	16PT OUTPUT, 80-288VAC, PRODUCTIVITY3000 AC OUTPUT MODULE
P3-16TR	16PT OUTPUT RELAY (16 FORM A), PRODUCTIVITY3000 RELAY OUTPUT MODULE

Terminator I/O Compatible with SR44 Soft Starters

Terminator I/O Compatible with SR44 Soft Starters	
Terminator I/O Discrete Output Modules	
T1H-08TDS	8PT 12-24VDC ISOLATED OUTPUT SINK/SOURCE 8 CMNS
T1K-08TA	16PT 17-240VAC OUTPUT
T1K-08TAS	8PT 17-240VAC OUTPUT ISOLATED COMMONS
T1K-08TD1	8PT 12-24VDC SINK OUTPUT
T1K-08TD2-1	16PT-12-24VDC SOURCE OUTPUT
T1K-08TR	8PT RELAY OUTPUT 5-30VDC OR 5-240VAC
T1K-08TRS	8PT ISO RELAY OUTPUT 5-30VDC OR 5-240VAC
T1K-16TA	16PT 17-240VAC OUTPUT
T1K-16TD1	16PT 12-24VDC SINK OUTPUT
T1K-16TD2-1	16PT-12-24VDC SOURCE OUTPUT
T1K-16TR	16PT RELAY OUTPUT 5-30VDC OR 5-240VAC

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