

Lexium SD3 motion control

SD315 stepper motor drives

With pulse/direction (P/D) interface



SD315DN10B400 drive

References

Example:	S	D	3	1	5	D	N	1	0	B	4	0	0
Drive	S	D	3	1	5	D	N	1	0	B	4	0	0
SD3 = 3-phase stepper motor drive	S	D	3	1	5	D	N	1	0	B	4	0	0
Drive type	S	D	3	1	5	D	N	1	0	B	4	0	0
15 = standard	S	D	3	1	5	D	N	1	0	B	4	0	0
Interfaces	S	D	3	1	5	D	N	1	0	B	4	0	0
D = pulse/direction without "Oscillator" mode	S	D	3	1	5	D	N	1	0	B	4	0	0
O = pulse/direction with "Oscillator" mode	S	D	3	1	5	D	N	1	0	B	4	0	0
Peak output current (rms)	S	D	3	1	5	D	N	1	0	B	4	0	0
N10 = 10 A	S	D	3	1	5	D	N	1	0	B	4	0	0
Supply voltage	S	D	3	1	5	D	N	1	0	B	4	0	0
B4 = 24...48 V ~	S	D	3	1	5	D	N	1	0	B	4	0	0
Dimensions (overall)													
Drive	W x H x D mm												
SD315	74.5 x 117 x 23.5												

Connection accessories

Designation	Reference	Weight kg
Mounting plate For mounting to DIN rail	MNA 3MF DINR1	—
EMC mounting plate (for connection of shielded cables)	MNA 3CS 013	—

Connectors

Spring clamp connector kits	For SD315D drive	2, 4 and 11 pins	MNA 3CS 008	—
	For SD315O drive	2, 4, 11 and 12 pins	MNA 3CS 009	—

Designation	Description	Cable length m	Reference	Weight kg
Cordsets for 3-phase stepper motor				
Cordsets for 3-phase stepper motor	Shielded cable, 4 x 1.5 mm ² . Equipped with one circular connector (motor end) and a free end	3	VW3 S5 101 R30	—
		5	VW3 S5 101 R50	—
		10	VW3 S5 101 R100	—
		15	VW3 S5 101 R150	—
		20	VW3 S5 101 R200	—

Cables for 3-phase stepper motor

Cables for 3-phase stepper motor	Shielded cable, 4 x 1.5 mm ² . Flying leads (both ends)	3	VW3 S5 102 R30	—
		5	VW3 S5 102 R50	—
		10	VW3 S5 102 R100	—
		15	VW3 S5 102 R150	—
		20	VW3 S5 102 R200	—