

• FRENIC-Mini (C2)

Price Book



The next generation FRENIC-Mini (C2) inverter is a high performance AC drive in a compact size. Experience our most user-friendly drive yet; with its rich functionality, compact design, simple operation, and global compatibility. With the highest standards of control and performance in its class, the FRENIC-Mini (C2) elevates the performance of a wide range of devices and equipment including conveyors, fans, pumps, centrifugal separators, and food processing machines. Its capabilities provide you the system integration, energy efficiency, reduce labor, and overall costs.

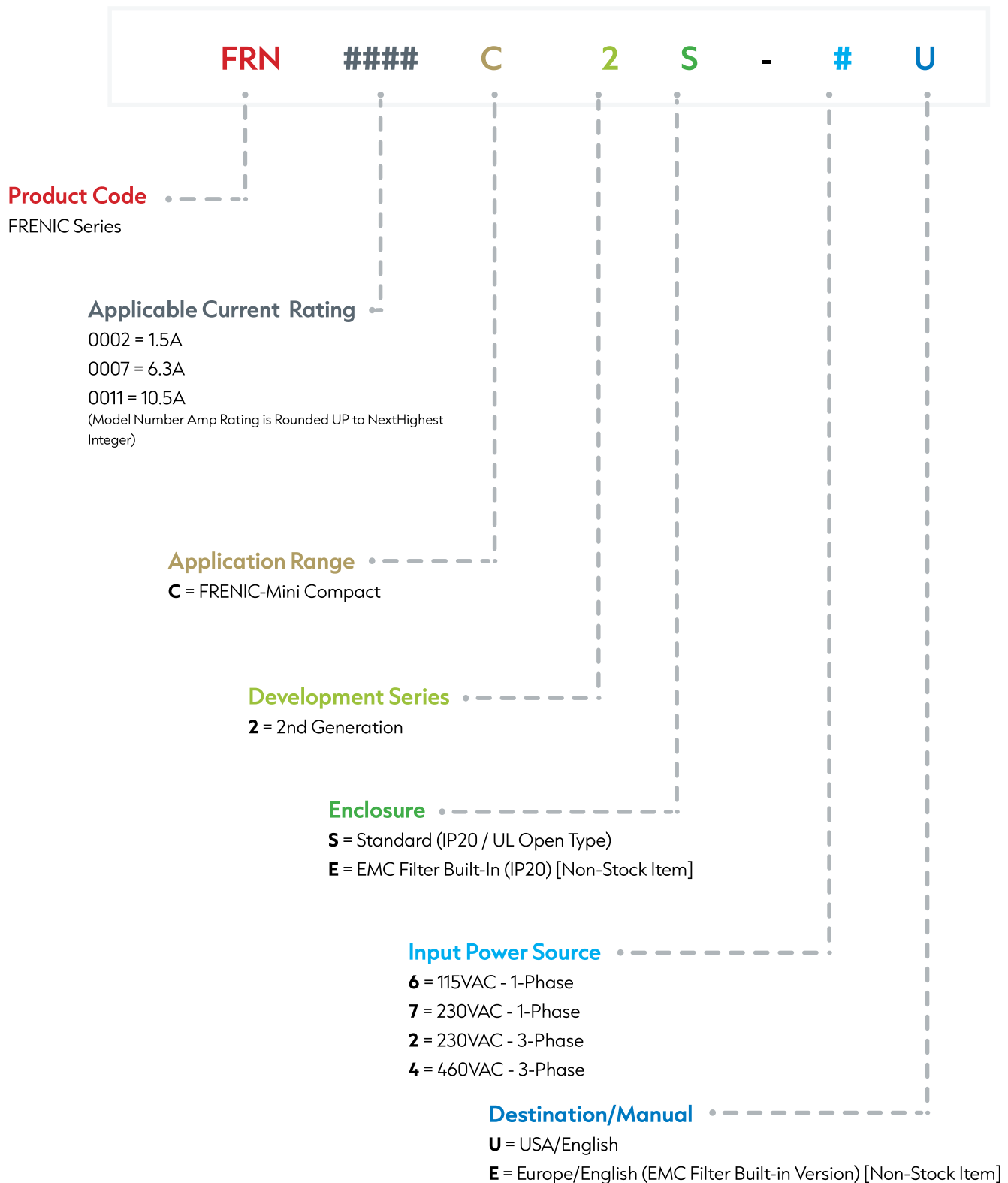
With standard functions like high starting torque, synchronous motor control, optimum energy savings, PID control, built in Modbus RTU, plus more all in a compact size makes the FRENIC Mini (C2) ideal for OEM's and panel builders. The optional NEMA/ UL Type 1 kit allows the FRENIC-Mini (C2) to also be easily applied to stand alone applications.

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Fuji Electric

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FRENIC-Mini (C2) Model Numbering System Diagram



List Pricing, Dimension & Weights (Discount Code: C2)

HP Rating	Rated Current (Amps) (1)	Mode Number	List Price	Dimensions H x W x D (inches)	Weight Pounds	Optional NEMA/UL Type 1 Kit Model Number	Option DIN Rail Mounting Adapter Model Number
115VAC - 1-Phase Input [230VAC 3-Phase Output]							
1/8	0.7	FRN0001C2S-6U	\$248	4.72 x 3.15 x 3.94	1.5	NEMA1-C2-105	RMA-C1-0.75
1/4	1.4	FRN0002C2S-6U	\$264				
1/2	2.5	FRN0003C2S-6U	\$303	4.72 x 3.15 x 4.53	1.8	NEMA1-C2-106	
1	4.2	FRN0005C2S-6U	\$341	5.12 x 4.33 x 5.47	2.9	NEMA1-C2-205	RMA-C1-2.2
230VAC - 1-Phase Input							
1/8	0.8	FRN0001C2S-7U	\$253	4.72 x 3.15 x 3.15	1.3	NEMA1-C2-101	RMA-C1-0.75
1/4	1.5	FRN0002C2S-7U	\$264				
1/2	3.5	FRN0004C2S-7U	\$281	4.72 x 3.15 x 3.74	1.5	NEMA1-C2-102	
1	5.5	FRN0006C2S-7U	\$336	4.72 x 3.15 x 5.51	2	NEMA1-C2-104	
2	9.2	FRN0010C2S-7U	\$385	5.12 x 4.33 x 5.87	4	NEMA1-C2-204	RMA-C1-2.2
3	12	FRN0012C2S-7U	\$440	7.09 x 5.51 x 5.47	5.5	NEMA1-C2-301	RMA-C1-3.7
230VAC - 3-Phase Input							
1/8	0.8	FRN0001C2S-2U	\$237	4.72 x 3.15 x 3.15	1.3	NEMA1-C2-101	RMA-C1-0.75
1/4	1.5	FRN0002C2S-2U	\$248				
1/2	3.5	FRN0004C2S-2U	\$259	4.72 x 3.15 x 3.74	1.5	NEMA1-C2-102	
1	5.5	FRN0006C2S-2U	\$292	4.72 x 3.15 x 4.72	1.8	NEMA1-C2-103	
2	9.2	FRN0010C2S-2U	\$325	5.12 x 4.33 x 5.47	3.7	NEMA1-C2-201	RMA-C1-2.2
3	12	FRN0012C2S-2U	\$374				
5	19.1	FRN0020C2S-2U	\$440	5.51 x 7.09 x 5.47	5.5	NEMA1-C2-301	RMA-C1-3.7
7.5	25	FRN0025C2S-2U	\$820	8.66 x 7.09 x 6.22	6.8	NEMA1-40E2-24	Not Available
10	33	FRN0033C2S-2U	\$935				
15	47	FRN0047C2S-2U	\$1,084	10.24 x 8.66 x 7.48	9.8	NEMA1-69E2-24	
20	60	FRN0060C2S-2U	\$1,232				
460VAC - 3-Phase Input							
1/2	1.8	FRN0002C2S-4U	\$358	5.12 x 4.33 x 4.53	2.6	NEMA1-C2-202	RMA-C1-2.2
1	3.1	FRN0004C2S-4U	\$402	5.12 x 4.33 x 5.47	2.9	NEMA1-C2-203	
2	4.3	FRN0005C2S-4U	\$457		3.7	NEMA1-C2-201	
3	6.3	FRN0007C2S-4U	\$506				
5	10.5	FRN0011C2S-4U	\$605	7.09 x 5.51 x 5.47	5.5	NEMA1-C2-301	RMA-C1-3.7
7.5	13	FRN0013C2S-4U	\$886	8.66 x 7.09 x 6.22	6.8	NEMA1-40E2-24	Not Available
10	18	FRN0018C2S-4U	\$974				
15	24	FRN0024C2S-4U	\$1,117	10.24 x 7 8.66 x 4.8	9.8	NEMA1-69E2-24	
20	30	FRN0030C2S-4U	\$1,293				

Notes:

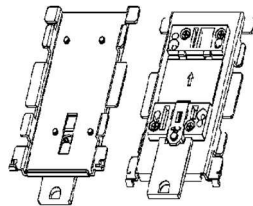
(1) - Rated output current based on switching frequency of < 3kHz an ambient temperature of < 40 °C

Option List Pricing (Discount Code: OPT)

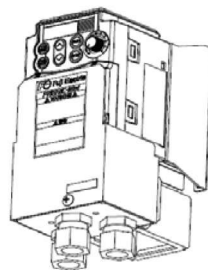
Description	Model Number	List Price
DIN Rail Mount Adapter	RMA-C1-0.75	\$33
DIN Rail Mount Adapter	RMA-C1-2.2	\$50
DIN Rail Mount Adapter	RMA-C1-3.7	\$61
NEMA/UL Type 1 Kit	NEMA1-C2-101	\$61
NEMA/UL Type 1 Kit	NEMA1-C2-102	\$72
NEMA/UL Type 1 Kit	NEMA1-C2-103	\$77
NEMA/UL Type 1 Kit	NEMA1-C2-104	\$116
NEMA/UL Type 1 Kit	NEMA1-C2-105	\$116
NEMA/UL Type 1 Kit	NEMA1-C2-106	\$121
NEMA/UL Type 1 Kit	NEMA1-C2-201	\$83
NEMA/UL Type 1 Kit	NEMA1-C2-202	\$83
NEMA/UL Type 1 Kit	NEMA1-C2-203	\$83
NEMA/UL Type 1 Kit	NEMA1-C2-204	\$116
NEMA/UL Type 1 Kit	NEMA1-C2-205	\$198
NEMA/UL Type 1 Kit	NEMA1-C2-301	\$94
NEMA/UL Type 1 Kit	NEMA1-40E2-24	\$116
NEMA/UL Type 1 Kit	NEMA1-69E2-24	\$116
Remote Mount Keypad	TP-E1	\$88
Remote Mount Keypad (Meets UL Type 4/12)	TP-E1W	\$123
USB-Equipped Remote Keypad	TP-E1U	\$94
Remote Operation Extension Cable (1 meter)	CB-1S	\$44
Remote Operation Extension Cable (3 meters)	CB-3S	\$55
Remote Operation Extension Cable (5 meters)	CB-5S	\$66
115VAC I/O Card - Remote Mount	OPC-115V	\$160

DIN Rail Mounting Adapter

This adapter can be used to mount the FRENIC Mini (C2) drive to 35mm DIN Rail.

**NEMA/ UL Type 1 Kit**

This kit can be mounted to the IP20 protected chassis to provide the drive with UL Type 1 protection that meet NEMA 1 requirements.

**Remote Mount Keypad (TP-E1)**

The remote mount keypad option allows for remote control, parameter setting and monitoring as well as functioning as a copy unit.

**USB Remote Mount Keypad (TP-E1U)**

The USB remote mount keypad allows for remote control, parameter setting, monitoring and functions as a copy unit. It also provides an interface to the FRENIC Loader software either while connected to the drive or separate from the drive to set parameters away from the job site and then download to the drive once on the job site.



Dynamic Braking Option List Pricing & Descriptions (Discount Code: OPT)

The dynamic braking option has been designed to allow faster deceleration rates then could be achieved via a coast stop or typical deceleration. This option consists of dynamic braking resistors and utilizes the built-in dynamic braking transistor (applicable for ratings > 1/2Hp @ 115VAC & 230VAC input ratings).

Important application notes:

- The standard option has been designed for stopping a load with an inertia equal to or less then applied motor’s rotor inertia.
- High inertia or overhauling loads may cause extended deceleration times which could cause option overheating and tripping of the drive unit.
- The option is not a holding brake. It will not prevent a motor at rest from rotating.
- Note: Refer to drives instructions manual installation and connection section for details.

Braking Resistor (Compact Type)

Applicable FRENIC-Mini (C2) Model Number	Dynamic Braking Resistor Model Nbr.	List Price	Total Ohms	Total kW	Average Braking Torque (%)	Duty Cycle (%)	Allowable Cont. Braking Time (sec.)
115VAC - 1-Phase (6U), 230VAC - 1-Phase (7U) or 230VAC - 3-Phase (2U) Input							
FRN0003C2S-6U	TK80W120Ω	\$41	120	0.08	150	15	15
FRN0005C2S-6U					130	5	
FRN0004C2S-2U, -7U					150	15	
FRN0006C2S-2U, -7U					130	5	
FRN0010C2S-2U, -7U					100		10
FRN0012C2S-2U, -7U					65		
FRN0020C2S-2U					45		

