

## DESCRIPTION

## PRODUCT COVERED:

USL, CNL - Open and Enclosed Type Drives - Model CIMR, followed by V or K, or L, or T, followed by A through Z, followed by B, 2 or 4, followed by A through Z, followed by XXXX, where XXXX is 0000 through 9999, followed by A through Z, followed by A through Z, followed by A through Z.

## RATINGS:

Model CIMR-VX or -KX or -LX or -TX	Single/ 3Phase Input (AC, 50/60 Hz)		Output		
	Voltage (V)	Current (ND/HD)	Voltage (V)	Current (ND/HD)	Frequency (Hz)
BX0001	200-240	2.0A/1.4A	0-240	1.2A/0.8A	0-400 or 0-2000
BX0002	200-240	3.6A/2.8A	0-240	1.9A/1.6A	0-400 or 0-2000
BX0003	200-240	7.3A/5.5A	0-240	3.3A/3.0A	0-400 or 0-2000
BX0006	200-240	13.8A/11.0A	0-240	6.0A/5.0A	0-400 or 0-2000
BX0010	200-240	20.2A/14.1A	0-240	9.6A/8.0A	0-400 or 0-2000
BX0012	200-240	24.0A/20.6A	0-240	12.0A/11.0A	0-400 or 0-2000
BX0018	200-240	- /35.0A	0-240	-/17.5A	0-400 or 0-2000
2X0001	200-240	1.1A/0.7A	0-240	1.2A/0.8A	0-400 or 0-2000
2X0002	200-240	1.9A/1.5A	0-240	1.9A/1.6A	0-400 or 0-2000
2X0004	200-240	3.9A/2.9A	0-240	3.5A/3.0A	0-400 or 0-2000
2X0006	200-240	7.3A/5.8A	0-240	6.0A/5.0A	0-400 or 0-2000
2x0008	200-240	8.8A/7.0A	0-240	8.0/6.9	0-400 or 0-2000
2X0010	200-240	10.8A/7.5A	0-240	9.6A/8.0A	0-400 or 0-2000
2X0012	200-240	13.9A/11.0A	0-240	12.0A/11.0A	0-400 or 0-2000
2x0018	200-240	18.5A/15.6A	0-240	17.5/14.0A	0-400 or 0-2000
2X0020	200-240	24.0A/18.9A	0-240	19.6A/17.5A	0-400 or 0-2000
2X0030	200-240	37.0A/24.0A	0-240	30.0A/25.0A	0-400 or 0-2000
2X0040	200-240	52.0A/37.0A	0-240	40.0A/33.0A	0-400 or 0-2000
2x0056	200-240	68.0A/52.0A	0-240	56.0A/47.0A	0-400 or 0-2000
2X0069	200-240	80.0A/68.0A	0-240	69.0A/60.0A	0-400 or 0-2000
4X0001	380-480	1.2A/1.2A	0-480	1.2A/1.2A	0-400 or 0-2000
4X0002	380-480	2.1A/1.8A	0-480	2.1A/1.8A	0-400 or 0-2000
4X0004	380-480	4.3A/3.2A	0-480	4.1A/3.4A	0-400 or 0-2000
4X0005	380-480	5.9A/4.4A	0-480	5.4A/4.8A	0-400 or 0-2000
4X0007	380-480	8.1A/6.0A	0-480	6.9A/5.5A	0-400 or 0-2000
4X0009	380-480	9.4A/8.2A	0-480	8.8A/7.2A	0-400 or 0-2000
4X0011	380-480	14.0A/10.4A	0-480	11.1A/9.2A	0-400 or 0-2000
4X0018	380-480	20.0A/15.0A	0-480	17.5A/14.8A	0-400 or 0-2000
4X0023	380-480	24.0A/20.0A	0-480	23.0A/18.0A	0-400 or 0-2000
4X0031	380-480	38.0A/29.0A	0-480	31.0A/24.0A	0-400 or 0-2000
4X0038	380-480	44.0A/39.0A	0-480	38.0A/31.0A	0-400 or 0-2000

NOTE: where X is A through Z

where Bx0018 have only Heavy-Duty ratings

where CIMR-KX, -LX Series is available only in the following sizes: 2X0020~2X0069 and 4X0011~4X0038

where CIMR-KX models have only Heavy-Duty ratings

Control Relay (K1, K2) output - 250Vac, 1A max or 30vdc, 1A max.

Alternate Input DC RATINGS: See (ILL.2) for wiring.

Model CIMR-VX or -KX or -LX or -TX	Single Phase Input (DC)		Output		
	Voltage, Vdc	Current, A (ND/HD)	Voltage (Vac)	Current (ND/HD)	Frequency (Hz)
BX0001	270-340	2.7/1.4	0-240	1.2A/0.8A	0-400 or 0-2000
BX0002	270-340	4.4/2.7	0-240	1.9A/1.6A	0-400 or 0-2000
BX0003	270-340	9.0/4.8	0-240	3.3A/3.0A	0-400 or 0-2000
BX0006	270-340	16.9/9.0	0-240	6.0A/5.0A	0-400 or 0-2000
BX0010	270-340	24.0/16.9	0-240	9.6A/8.0A	0-400 or 0-2000
BX0012	270-340	24.0/29.4	0-240	12.0A/11.0A	0-400 or 0-2000
BX0018	270-340	-/40.0	0-240	-/17.5A	0-400 or 0-2000
2X0001	270-340	1.6/0.8	0-240	1.2A/0.8A	0-400 or 0-2000
2X0002	270-340	2.7/1.6	0-240	1.9A/1.6A	0-400 or 0-2000
2X0004	270-340	5.4/2.9	0-240	3.5A/3.0A	0-400 or 0-2000
2X0006	270-340	7.4/5.4	0-240	6.0A/5.0A	0-400 or 0-2000
2x0008	270-340	10.1/7.4	0-240	8.0/6.9	0-400 or 0-2000
2X0010	270-340	14.8/10.1	0-240	9.6A/8.0A	0-400 or 0-2000
2X0012	270-340	20.2/14.8	0-240	12.0A/11.0A	0-400 or 0-2000
2x0018	270-340	24.0/20.2	0-240	17.5/14.0A	0-400 or 0-2000
2X0020	270-340	24.0/24.0	0-240	19.6A/17.5A	0-400 or 0-2000
2X0030	270-340	49.4/36.8	0-240	30.0A/25.0A	0-400 or 0-2000
2X0040	270-340	52.0/49.4	0-240	40.0A/33.0A	0-400 or 0-2000
2x0056	270-340	68.0/68.0	0-240	56.0A/47.0A	0-400 or 0-2000
2X0069	270-340	92.0/92.0	0-240	69.0A/60.0A	0-400 or 0-2000
4X0001	540-680	1.3/0.8	0-480	1.2A/1.2A	0-400 or 0-2000
4X0002	540-680	2.7/1.4	0-480	2.1A/1.8A	0-400 or 0-2000
4X0004	540-680	5.1/2.7	0-480	4.1A/3.4A	0-400 or 0-2000
4X0005	540-680	7.4/5.1	0-480	5.4A/4.8A	0-400 or 0-2000
4X0007	540-680	10.1/7.4	0-480	6.9A/5.5A	0-400 or 0-2000
4X0009	540-680	12.5/10.1	0-480	8.8A/7.2A	0-400 or 0-2000
4X0011	540-680	18.5/12.5	0-480	11.1A/9.2A	0-400 or 0-2000
4X0018	540-680	24.7/18.4	0-480	17.5A/14.8A	0-400 or 0-2000
4X0023	540-680	35.6/24.7	0-480	23.0A/18.0A	0-400 or 0-2000
4X0031	540-680	48.0/35.6	0-480	31.0A/24.0A	0-400 or 0-2000
4X0038	540-680	52.0/48.0	0-480	38.0A/31.0A	0-400 or 0-2000

NOTE: where X is A through Z

Description

Environmental -

For Enclosed Type Devices, Type 1

For Open Type Devices, Surrounding Air Temperature: 50°C

For Enclosed Type Devices, Ambient Air Temperature: 40°C

Short Circuit Rating - 31 kA, 480 V ac, when used with specific branch circuit protective devices as called out in the "Markings" section.

Plenum Rating - Enclosed devices marked Type 1, are suitable for use in compartments handling conditioned air (plenums).

## NOMENCLATURE:

CIMR -        V        A        2        A        0001        B        A        A  
I            II            III            IV            V            VI            VII            VIII            IX

- I - Basic Series of Unit
- II - Product Name
- V - V1000 Series  
**K - K1000 Series**  
**L - L1000 Series**  
**T - T1000 Series**
- III - Use of Purposes
- A through Z - Yaskawa brands
- IV - Input Voltage
- B - Single phase, 200-240 V ac  
2 - 3 phase, 200-240 V ac  
4 - 3 phase, 380-480 V ac
- V - Custom spec
- A through Z - OEM brands or applications
- VI - Output Current
- VII - Designates Type of Enclosure or Filter
- A - Open Chassis  
B - Open Chassis
- E - Open Chassis with C3 Filter  
F - Type 1
- J - Open Chassis Finless type  
L - Open Chassis Finless type  
M - Open Chassis Finless type with C3 Filter  
Z - 24V Power Supply Option
- VIII - Coating Spec
- A through Z
- IX - Version
- A through Z - Version