

AC Output Line Reactor For VFD



Product Introduction

The input line reactor is mounted at the output of the frequency inverter. It is used for limiting the capacitive charging current of the connection cable between the frequency inverter and the motor, and passivating the voltage buildup rate of PWM from the frequency inverter and the motor.

Product Application

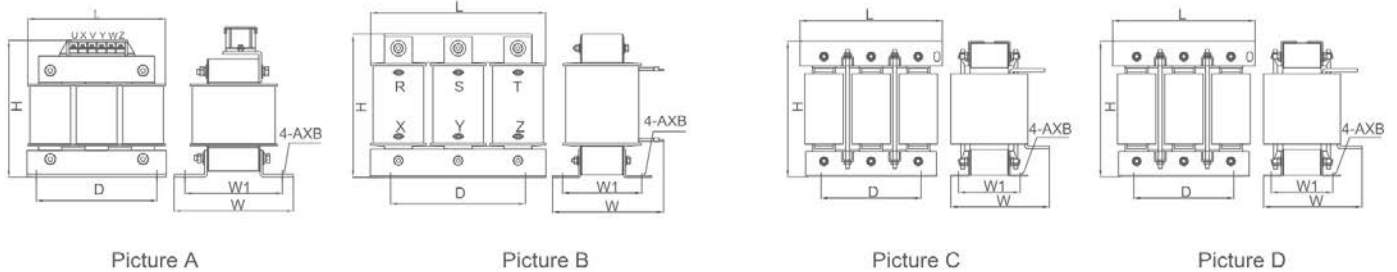
1. Limit dv / dt to 500V / μ s.
2. Limit the overvoltage of motor terminal to: 1000V to 400V~(rms).
3. The interference occurred from the contalled between the motor and the filter.
4. Reduce the earth leakage current of motor.



Technical Specification

Voltage drop	< 4% higher than the range will cause the loss of torque
Insulation rank	class F, H
Work voltage	380V (optional: 220V/ 240V/ 400V/ 415V/ 440V/ 460V/ 480V)
Material	Copper or Aluminum
Work frequency	50/60Hz
Work current	3A-1600A
Carrier frequency	2-8 kHz
Voltage drop	≤ 4 % higher than the range will cause the loss of torque
Max current	1.5×Rated current continues 60s
Noise	≤ 65db
Temperature Rise	≤ 85k
Altitude	≤ 2000m
Running ambient temperature	- 25°C ~ + 45°C, comparative moisture not over 90

Product Size



380V AC Output Line reactor

Reactor Type	Picture NO.	Power (kw)	Rated Current(A)	Inductance Value(mH)	Voltage Drop	Insulation rank	Dimension(±5mm)					
							L	D	W	W1	H	A×B
OCR-0005-1M40-0.4SC	Picture A	1.5	5	1.4	1%	F、H	110	90	95	70	130	6X11
OCR-0007-1M00-0.4SC		2.2	7	1	1%	F、H	110	90	95	70	130	6X11
OCR-0010-0M70-0.4SC		3.7	10	0.7	1%	F、H	110	90	95	70	130	6X11
OCR-0015-0M47-0.4SC		5.5	15	0.47	1%	F、H	110	90	95	70	130	6X11
OCR-0020-0M35-0.4SC		7.5	20	0.35	1%	F、H	110	90	95	70	130	6X11
OCR-0030-0M23-0.4SC	Picture B	11	30	0.23	1%	F、H	155	95	90	76	150	6×15
OCR-0040-0M18-0.4SC		15	40	0.18	1%	F、H	155	95	130	78	135	6×15
OCR-0050-0M14-0.4SC		18.5	50	0.14	1%	F、H	155	95	140	76	135	6×15
OCR-0060-0M12-0.4SC		22	60	0.12	1%	F、H	195	120	135	72	165	8.5×20
OCR-0080-087U-0.4SC		30	80	0.087	1%	F、H	195	120	135	92	165	8.5×20
OCR-0090-078U-0.4SC	Picture C	37	90	0.078	1%	F、H	195	120	135	72	165	8.5×20
OCR-0120-058U-0.4SA		45	120	0.058	1%	F、H	230	150	170	83	220	11×18
OCR-0150-047U-0.4SA		55	150	0.047	1%	F、H	230	150	170	88	220	11×18
OCR-0200-035U-0.4SA		75	200	0.035	1%	F、H	230	150	180	98	220	11×18
OCR-0250-028U-0.4SA		110	250	0.028	1%	F、H	250	182	175	98	230	11×18
OCR-0290-024U-0.4SA	Picture D	132	290	0.024	1%	F、H	290	214	200	107	250	11×18
OCR-0330-021U-0.4SA		160	330	0.021	1%	F、H	290	214	200	107	250	11×18
OCR-0390-018U-0.4SA		185	390	0.018	1%	F、H	290	214	200	107	250	11×18
OCR-0490-014U-0.4SA		220	490	0.014	1%	F、H	320	243	230	125	320	12×20
OCR-0600-012U-0.4SA		280	600	0.012	1%	F、H	320	243	250	140	320	12×20
OCR-0660-011U-0.4SA	Picture D	300	660	0.011	1%	F、H	320	243	250	140	320	12×20
OCR-0800-08U7-0.4SA		380	800	0.0087	1%	F、H	365	260	280	135	380	15×25
OCR-1000-07U0-0.4SA		450	1000	0.007	1%	F、H	365	260	280	135	380	15×25
OCR-1200-05U8-0.4SA		550	1200	0.0058	1%	F、H	395	275	325	150	390	15×25
OCR-1600-04U3-0.4SA		630	1600	0.0043	1%	F、H	395	275	325	150	435	15×25

Remark: Dimension can be customization

690V AC Output Line reactor

Reactor Type	Picture NO.	Power (kw)	Rated Current(A)	Inductance Value(mH)	Voltage Drop	Insulation rank	Dimension(± 5mm)					
							L	D	W	W1	H	A×B
OCR-0005-2M80-0.7SC	Picture A	3.7	5	2.8	1%	F、H	155	80	180	95	61	6X15
OCR-0007-2M00-0.7SC		5.5	7	2	1%	F、H	155	80	180	95	61	6X15
OCR-0010-1M40-0.7SC		7.5	10	1.4	1%	F、H	155	80	200	95	63	6X15
OCR-0015-0M93-0.7SC		11	15	0.93	1%	F、H	155	80	200	95	63	6X15
OCR-0020-0M70-0.7SC	Picture B	15/18.5	20	0.7	1%	F、H	155	80	200	95	63	6X15
OCR-0030-0M47-0.7SC		22	30	0.47	1%	F、H	195	130	165	120	72	8.5X20
OCR-0040-0M35-0.7SC		30	40	0.35	1%	F、H	195	130	165	120	72	8.5X20
OCR-0050-0M28-0.7SA		37/45	50	0.28	1%	F、H	195	150	165	120	92	8.5X20
OCR-0060-0M23-0.7SA		55	60	0.23	1%	F、H	195	150	165	120	92	8.5X20
OCR-0080-0M18-0.7SA		75	80	0.18	1%	F、H	195	170	165	120	112	8.5X20
OCR-0120-0M12-0.7SA	Picture C	110	120	0.12	1%	F、H	250	190	230	182	103	11X18
OCR-0150-094U-0.7SA		132	150	0.094	1%	F、H	250	200	230	182	113	11X18
OCR-0200-070U-0.7SA		160/185	200	0.07	1%	F、H	290	220	250	214	117	11X18
OCR-0250-055U-0.7SA		220	250	0.055	1%	F、H	290	220	250	214	117	11X18
OCR-0290-048U-0.7SA		240	290	0.048	1%	F、H	320	250	320	243	135	12X20
OCR-0330-042U-0.7SA		280/300	330	0.042	1%	F、H	320	250	320	243	135	12X20
OCR-0390-036U-0.7SA		380	390	0.036	1%	F、H	320	250	320	243	135	12X20
OCR-0490-028U-0.7SA		450	490	0.028	1%	F、H	320	270	320	243	160	12X20
OCR-0600-023U-0.7SA		550	600	0.023	1%	F、H	365	285	340	260	165	15X25
OCR-0660-021U-0.7SA		630	660	0.021	1%	F、H	365	285	340	260	165	15X25

Remark: Dimension can be customization