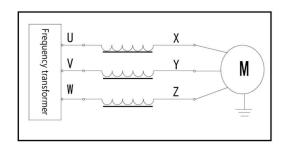
AC Output Reactor (OCL)

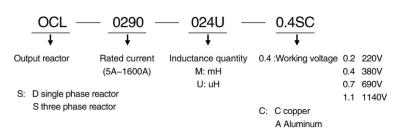


Installed at the output end of frequency transformer, used to limit the capacitive charging current of connect cable of frequency transformer and motor, voltage rise ratio of deactivation frequency transformer output PWM wave. Advise to insert one motor reactor between frequency transformer and motor when motor cable length exceed one certain value. Used to compensate the capacitor recharge current at long wires. This max length decided by the rated value of frequency transformer and type of motor cable.

Principle Diagram



Product Identify Code



Application

- 1. Limit the dv/dt to 500 V/us
- Limit the over voltage on the motor terminal to: 1000 V to 400V~(rms value)
 1150 V to 460V (rms value)
- 3. The filter interfere that opens the contactor between the filter and the motor
- Reduce the motor grounding leakage current

Technical Specification

MODEL	
Working Voltage	Ф3/380V AC - 1140V AC
Working Frequency	50/60 Hz
Working Current	3A - 1600 A
Carriage Wave Frequency	2 - 6 KHz
Insulation Grade	Class F, H
Use Environment	-10 ~ 45 °C, Rated Value not reduced. The highest reach up to 55 °C
	The rated current reduces 2% at each rise 1 °C when it's above 45 °C
Protection Grade	IP00 - IP22
Voltage Descending	< 4%, will cause torque loss when it's bigger than this range
Max Current	1.5 x rated current. Continue 60s
Noise	≤ 65 dB
Temperature Rising	≤ 85K
Anti-Electric Strength	Iron Core-winding 3000V AC/50 Hz/5Ma/10s, no fly arc punching
	(factory test)
Insulation Electric Resistance	1000 Vdc, Insulation Value ≥ 100 MΩ
Maximum Altitude	2000 m
Operation Environment Temperature	-25 ~ 45 °C, Relative Humidity not to exceed 90%

- No harm gas around, no inflammable and explode objects
- · Around environment should have better air venting condition, should additionally install air venting equipment if it's installed in the cabinet.
- Execute standard: IEC289:1987 reactor.
- GB10229-88 reactor (eqv IEC289:1987)
- JB9644-19999 semi-conductor electrical transmission used reactor



^{*}Product size: can be custom made according to customer requirements.