



POWER FACTOR COMPENSATION WITH 3 PHASE USES XL UNITS
TECHNICAL SPECIFICATIONS FOR 60 HERTZ

USES MODEL	VOLTAGE	L1 AMP REACT.	kVar	kW
XL-R 400	220/400	13	2	1.5 - 2
XL-1-400	220/400	26	4.5	2.5 - 3
XL-3Y 400	220/400	20	14	3 - 3.5
XL-3D 400	400	35	26	4 - 5

L1 AMP REACTIVE IS MEASURED AMPERAGE ON THE L1 USES LEAD

$$\text{KVAR (3-PHASE)} = \text{KILOVOLT (PHASE-TO-PHASE)} \times \text{L1 AMP REACT} \times 1.73$$

Install USES units as close to inductive loads as possible. Match the KVAR of the individual units with these loads and have the units switched on and off with the loads. The total additional KVAR should be calculated from the Power Factor Improvement Table to bring the existing system power factor to the desired level.

Note: KVAR values can change depending on the load characteristics.

50 Hz applications: kW and kVar performance will be 10% lower than stated.