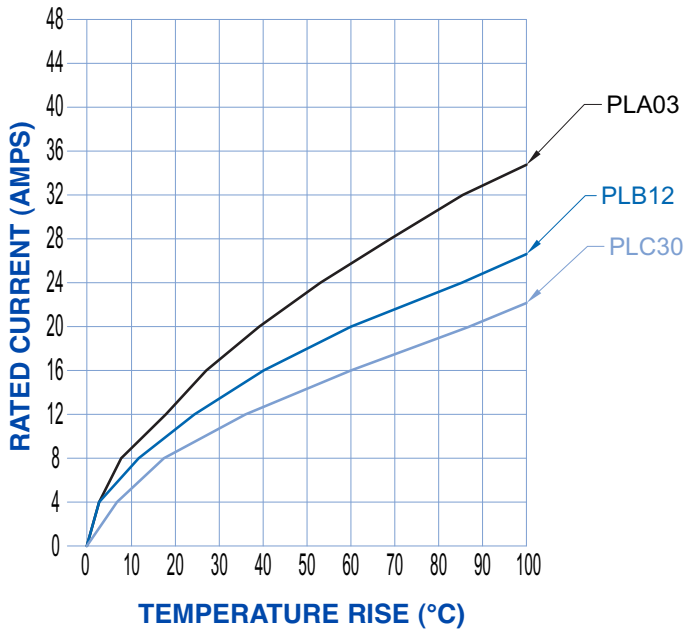


TEMPERATURE RISE CURVE

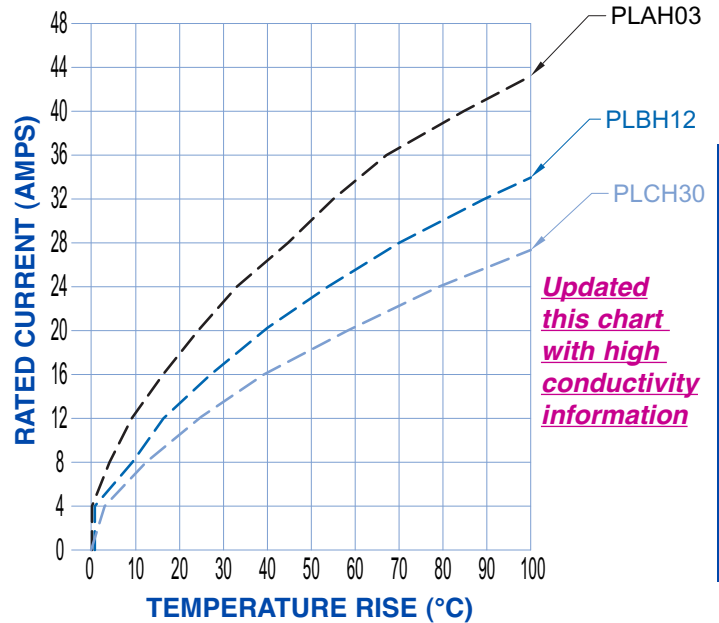
STANDARD CONTACT MATERIALS

CONNECTORS WITH PL* PREFIX



HIGH CONDUCTIVITY CONTACT MATERIALS

CONNECTORS WITH PL*H PREFIX
OR "S" SUFFIX ON CRIMP CONTACTS



TEST DETAIL: Each curve was developed using individual connector bodies fully loaded with contacts. All power contacts energized through 12 awg wire. Temperature rise was measured in the contact mating area. Test was conducted with connectors in static air. Terminations of test connectors were straight compliant press-fit to right angle (90°) solder. See page 4 for more information.

CONTACT CURRENT RATINGS			
CONNECTOR VARIANT	STANDARD CONTACTS	CONNECTOR VARIANT	HIGH CONDUCTIVITY CONTACTS
PLA03	32 amps	PLAH03	42 amps
PLB12	25 amps	PLBH12	32 amps
PLC30	18 amps	PLCH30	24 amp

Temperature rise curves and contact current ratings were developed for the specific connector variants shown when tested in accordance with UL1977.

This information is provided so that the user can make comparisons between various connector sizes and contact materials.