

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

**Contraction – expansion absorbing component
 Part number ELEMKO : 64 21 301**

Description

Contraction – expansion absorbing component, made out of tin plated copper (Cu/eSn). The component is intended for applications in lightning protection systems (LPS) and is installed at 20m intervals of straight conductor or at crossing of conductors to compensate for the contraction – expansion of conductors caused by temperature changes. The connection to the conductors is achieved by two single bonding clamps (not included).

Technical data – Installation instructions

Arrangements	➤ Parallel connection (B2)
Installation	➤ Outdoor
Can be connected with	➤ Cu, Cu/eSn, Stainless Steel
Coating material	➤ Tin
Lightning current withstand capability	➤ CLASS H – 100kA (10/350µs) ➤ 50 Coulomb ➤ 2.5 MJoule / Ohm

The above component has successfully passed the tests required by standard EN 62561-1 "Lightning protection system components (LPSC) – Part 1 : Requirements for connection components". The tests were performed at ELEMKO high voltage and high current testing laboratory.
 Test report number : **31732**

Photograph

