



KL9550 | System terminal, surge filter system and field supply

The KL9550 system terminal contains an overvoltage filter for the 24 V field and system supply. The filter protects the Bus Terminal from line-bound surge voltages that can occur due to high-energy disturbances such as switching overvoltages at inductive consumers or lightning strikes at the supply lines. The KL9550 protects the Bus Terminal station from damage in particularly harsh environments. The ship classification organisations require the use in shipbuilding applications and in the onshore/offshore sector.

| Technical data | KL9550 KS9550 |
|----------------------------------|----------------------------------------|
| Diagnostics | – |
| Nominal voltage | 24 V DC (-15 %/+20 %) |
| Surge filter field supply | yes |
| Surge filter system supply | yes |
| Rated current field supply | ≤ 10 A |
| Rated current system supply | ≤ 0.5 A |
| PE connection | – |
| Weight | approx. 50 g |
| Operating/storage temperature | -25...+60 °C/-40...+85 °C |
| Vibration/shock resistance | conforms to EN 60068-2-6/EN 60068-2-27 |
| EMC immunity/emission | conforms to EN 61000-6-2/EN 61000-6-4 |
| Protect. class/installation pos. | IP 20/variable |
| Pluggable wiring | for all KSxxxx Bus Terminals |
| Approvals | CE, UL, Ex, GL |

| Related products | |
|--------------------|------------------------------------------------|
| KL9540 | Surge filter field supply |
| KL9540-0010 | surge filter field supply for analog terminals |

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| i Product announcement | KL9550: available KS9550: estimated market release on request |
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