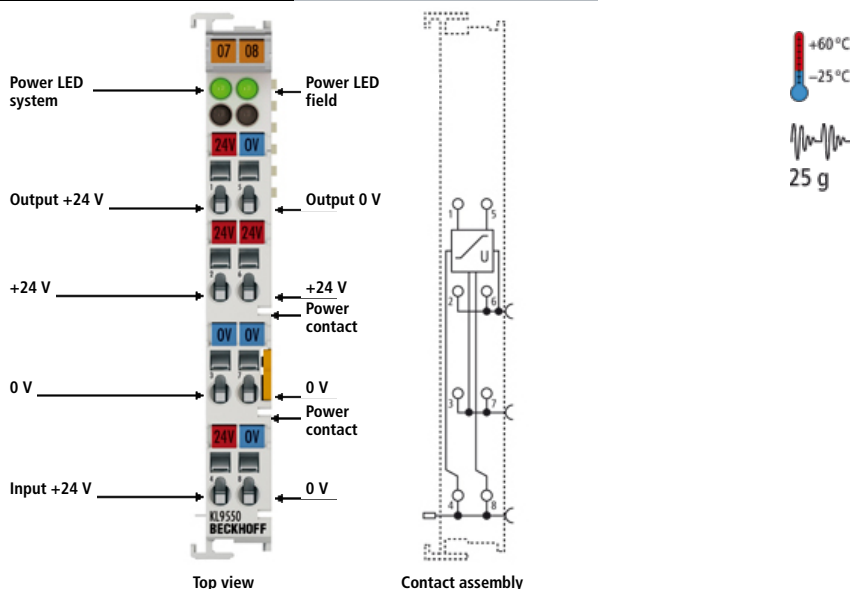




KL9550 | System terminal, surge filter system and field supply

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

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