



KL9540 | System terminal, surge filter field supply

The KL9540 system terminal contains an overvoltage filter for the 24 V field 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 KL9540 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	KL9540 KS9540
Diagnostics	–
Nominal voltage	24 V DC (-15 %/+20 %)
Surge filter field supply	yes
Surge filter system supply	–
Rated current field supply	≤ 10 A
Rated current system supply	–
PE connection	yes
Weight	approx. 40 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	
KL9540-0010	surge filter field supply for analog terminals
KL9550	Surge filter system and field supply



Product announcement

KL9540: available
KS9540: estimated market release on request