



Potential distribution terminals with 16 terminal points

The potential distribution terminals KL9181, KL9182 and KL9183 provide 16 terminal points for potential distribution and enable the voltage to be picked up without further bus terminal blocks or wiring. The HD Bus Terminals (High Density) with increased packing density feature 16 connection points in the housing of a 12 mm Bus Terminal. The conductors can be connected without tools in the case of solid wires using a direct plug-in technique.

Technical data	KL9181	KL9182	KL9183
Number of separated potentials	2	8	1
Terminal points per potential	8	2	16
Nominal voltage	max. 60 V _{DC}		
Current load per terminal point	max. 10 A		
Current consumption from the K-Bus	-		
K-Bus looped through	yes		
Power Contacts looped through	yes (two Power Contacts)		
Electrical connection to Power Contacts	no		
Electrical connection to mounting rail	no		
Electrical isolation	500 V (K-Bus / field voltage)		
Bit width in the process image	-		
Configuration	no address or configuration settings		
Weight	app. 60 g		
Permissible ambient temperature range	-0°C ... +55°C (for operation)		
	-25°C ... +70°C (for storage)		
Permissible relative humidity	5% ... 95%, no condensation		
EMC resistance burst / ESD	conforms to EN 61000-6-2 / EN 61000-6-4		
Vibration / shock resistance	conforms to EN 60068-2-6 / EN 60068-2-27, EN 60068-2-29		
Protection class / Installation pos. / Approval	IP20 / variable / CE		