



Sixteen channel digital output terminal with flat ribbon cable connection, 24 V_{DC}

The KL2827 digital output terminal offers a very compact design with its 16 channels. A 20-pin connector enables the secure connection of plug connectors using insulation displacement contact, as is usual for ribbon cables and special round cables. This significantly simplifies the wiring of many channels. State-of-the-art output drivers guarantee minimum power dissipation. 16 LEDs display the logical signal states of the outputs.

Technical data		KL2827-0000	KL2827-0010
Number of		16	
Rated load voltage		24 V _{DC} (-15% / +20%)	
Load type		ohmic, inductive, lamp load	
Output current per channel (short circuit proof)		max. 0,5 A	
Short circuit current		0,6 ... 1,0 A	
Breaking energy per channel (inductive)		max. 150 mJ	
Switching to		24 V	Ground
Reverse voltage protection		yes	
Electrical isolation		500 V _{rms} (K-Bus/field potential)	
Current consumption from K-Bus		typically 5 mA	
Bit with in the process image		16 output bits	
Configuration		no address or configuration setting	
Weight		app. 55 g	
Dimensions (w x h x d)		15mm x 100mm x 70mm (aligned width 12mm)	
permissible ambient temperature range	during operation	-0°C ... +55°C	
	during storage	-25°C ... +70°C	
permissible relative humidity		5% ... 95%, no condensation	
Mounting position		conforms to EN60068-2-6 / EN60068-2-27, EN60068-2-29	
Vibration/shock resistance		conforms to EN61000-6-2 / EN61000-6-4	
EMC resistance burst/ESD		variable	
Protection class / Approval		IP20 / CE	

Dimensions of the terminal's 20-pin connector (male) and the corresponding plug (female)

