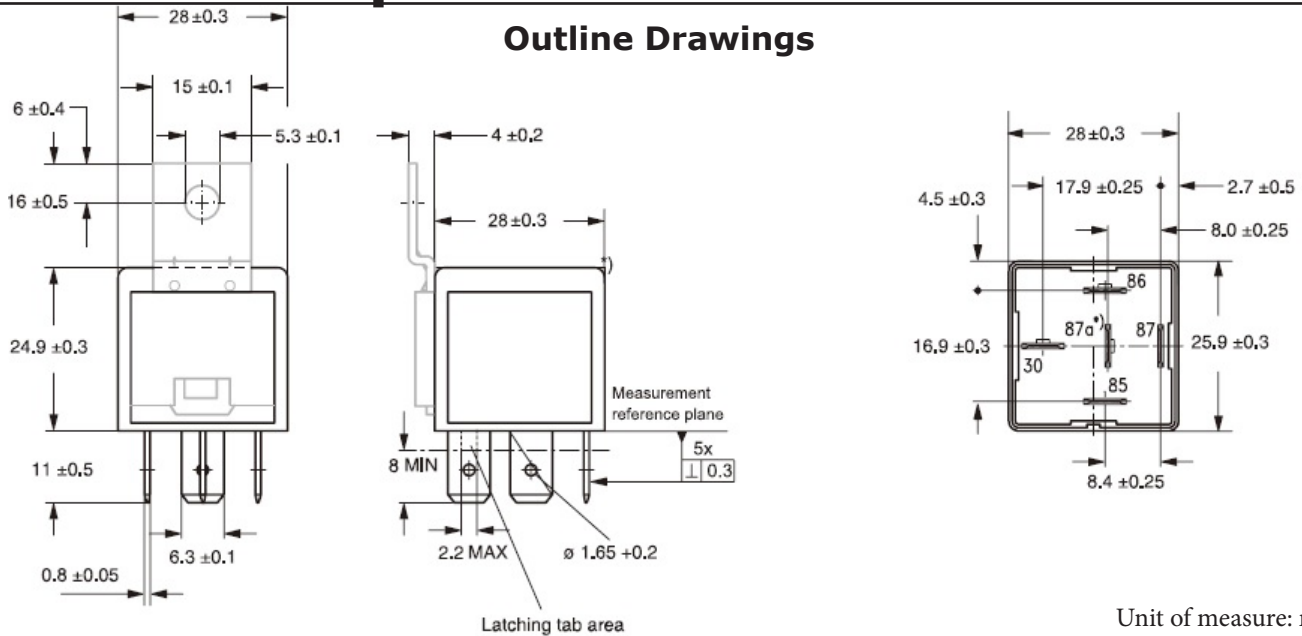




PICO®

923 Specifications Sheet

Outline Drawings



Unit of measure: mm

Contact Data

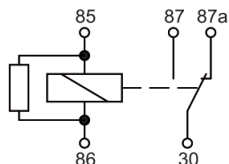
1) Special high performance 24 V DC version with contact gap >0.8 mm.

2) The values apply to a resistive or inductive load with suitable spark suppression and at maximum 28 V DC for 24 V load voltages. For a load current duration of maximum 3 seconds for a make/break ratio of 1:10.

3) Current and time are compatible with circuit protection by a typical automotive fuse. Relay will make, carry and break the specified current.

4) For unsuppressed relay coil, a low resistive suppression device in parallel to the relay coil increases the release time and reduces the lifetime caused by increased erosion and/or higher risk of contact tack welding.

Wiring Diagram



Contact Arrangement	1 form C, 1 CO
Rated Voltage	24 VDC
Limiting Current	NO/NC 23°C 60/45A 85°C 40/30A 125°C 17/12A
Limiting Making Current(2)	120/45A
Limiting Breaking Current	30/20A
Limiting Short-Time Current	1.35 x 40A, 1800s
Overload Current	2.00 x 40A, 5s 3.50 x 40A, 0.5s 6.00 x 40A, 0.1s
Jump Start Test	24VDC for 5min Conducting Nominal Current at 23°C
Contact Material	AgSn02
Min Recommended Contact Load	1A at 5VDC
Initial Voltage Drop	NO Contact at 10A, typ./max. 15/200mV NC Contact at 10A, typ./max. 20/250mV
Frequency of Operation at Nominal Load	6 ops./min (0.1Hz)
Operate/Release Time(3)	7/2ms
Electrical Endurance	
Resistive Load at 28 VDC	1x10 ⁵ ops. 30A (NO) >5x10 ops. 10A (NC)
Mechanical Endurance DC Coil	>1x10 ⁷ ops.