

●/E/N 76 MINI AUTOMOTIVE RELAY

FEATURES

- High switching capacity
- Minimum space requirement
- Low profile
- Open & sealed versions
- Twin relay versions available

APPLICATION

- Direction indicators
- Wiper control
- Fuel pump
- Central locking
- Window winding motors
- Air conditioning

TECHNICAL DATA FOR CONTACT SIDE:

Model : 76 76T

Areas of Application Resistive / Inductive / Head Lamp Load

Contact Configuration : 1 Form A, 1 Form U 2×1 Form A, 2 $\times 1$ Form U

1 Form C 2 x 1 Form C

Contact Material : Silver Nickel/Silver Tin Oxide* Silver Nickel/Silver Tin Oxide*

Maximum Switching Current

@ 12.8 VDC For 3 Sec. : 50A 50A

GENERAL DATA FOR COIL SIDE

Nominal Coil Power : 1.11W (Approx)

Operate Time : 5 milli Seconds (Typ)

Release Time : 3 milli Seconds (Typ)

OPERATING CONDITIONS

Ambient Temperature : -40°C to +85°C

Dielectric Strength

Between open contacts : 500 VRMS

Insulation Resistance : 100 MegaOhms Min. at 500 VDC, 25°C RH 50

Vibration Resistance : 10-50Hz, 4.4g

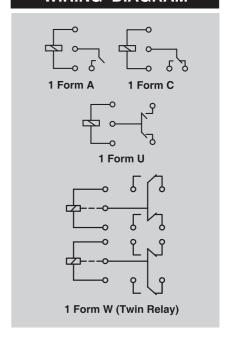
(Change in switching state not more than $10\mu S$)

Shock Resistance : 30g, 8mS

(Change in switching state not more than 10µS)

Weight : 12 gms Max.

WIRING DIAGRAM





^{*} For 1 form U version with AgSnO2 contacts, expected electrical life is 2 x 10 operations

HOW TO ORDER XX76 12 1A Χ Product Series Specialities if any Nil - AgNi Contacts PD - PdCu Stationary contacts & Nil - Single Relay AgNi Moving contact ST - AgSnO₂ Contacts T - Twin Version Nil - Unsealed E - Sealed Nominal Coil Voltage (Refer coil data) Contact Configuration 1A - 1 Form A 1B - 1 Form B 1C - 1 Form C 1U - 1 Form U (twin bridged make) 1V - 1 Form V (twin bridged break)

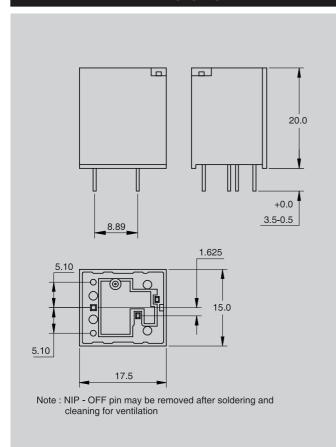
1W - 1 Form W (twin bridged C/o)

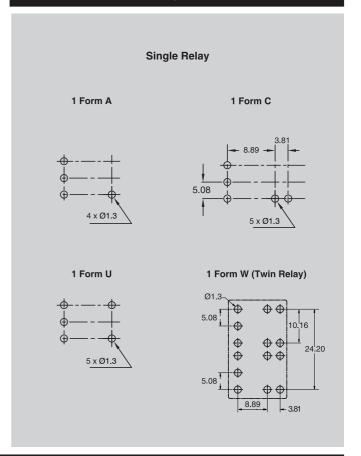
COIL DATA **Pick-up Voltage VDC (Max) Drop-out Voltage VDC (Min) Nominal Voltage VDC Coil Resistance Ohms ± 10% 6 3.9 0.6 32.5 12 7.8 1.2 130 520 24 15.6 2.4

**Lower pick-up voltages available on request

DIMENSIONS

DRILLING PATTERN





AVAILABLE ON REQUEST

• For other custom solutions consult factory

*Depending on the contact material & contact configuration electrical life will vary. Consult Factory before finalising the part number

