

Application Questionnaire

To ensure the selection of the best suitable relay type for your application, we strongly recommend to complete below questionnaire and consult your local Tyco Electronics representative or our application support.

Company: _____
 Name: _____
 Department: _____
 Address: _____
 Phone: _____
 Email: _____

1. General Information

Application: _____ Relay type: _____
 _____ Contact arrangement: NC NO C/O

2. Wiring Diagram/Sketch (Please use separate sheet if needed)

3. Driving (Control) Circuit

Minimum coil resistance (23°C) _____ Ω Vehicle electrical system: 12 V 24 V other: ___ V
 Pull-in voltage at 23°C ¹⁾ _____ V Further requirements for operate and release voltage:
 Pull-in voltage at max. temperature ¹⁾ _____ V _____
 Maximum vehicle voltage _____ V _____

¹⁾ Coil temperature

Duty cycle Energized time: _____ s De-energized time: _____ s
 Ambient temp. range Minimum: _____ °C Maximum: _____ °C

Relay coil suppression None Parallel resistor Diode type Others

4. Load Description

Inductive load _____ mH Resistive load Lamp load Others (detailed description please)

N/O (make contact) Max. make current ___ A Max. break current ___ A Max. cont. current ___ A
 N/C (break contact) Max. make current ___ A Max. break current ___ A Max. cont. current ___ A

Dry Switching (currents < 1 A) Yes ²⁾ No Unknown ²⁾
 Switching status diagnostics intended Yes ²⁾ No Unknown ²⁾

²⁾ Contact Tyco Electronics representative for important guidelines about dry switching and diagnostic routines.

Spark suppression components _____
 Required number of switching cycles _____

5. Miscellaneous

Dimensions in mm L _____ W _____ H _____ Footprint _____
 Approvals _____
 Others _____

6. Quantity

Volume in	1st year	2nd year	3rd year	4th year
Pieces				