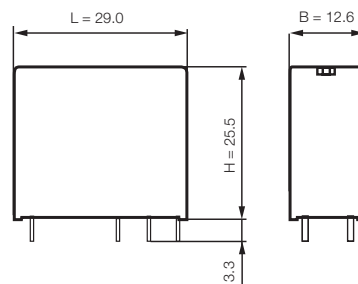


# Relay couplers - RIDERSERIES

## RCH Safety Relay DC coil

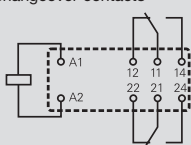
- Relay with positively driven contacts to EN 50205
- 2 CO contacts or 1 NOC + 1 NCC
- 1500 VA switching capacity
- 6 kV impulse withstand voltage



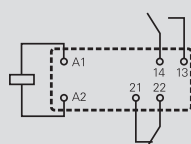
### Circuit diagram

View of connections

2 changeover contacts



1 NOC + 1 NCC



### Output

max. switching voltage AC	250 V
Continuous current	6 A
Contact base material	AgNi
Mechanical endurance	10x10 <sup>6</sup> switching cycles
Response time / Drop-out time	10 ms / 4 ms

### Rated data

Status indicator/Free wheel diode	no/no
Operating temperature	-25 °C...+70 °C
Approvals	cURus;

### Insulation coordination (IEC 60664)

Rated voltage	250 V
Creepage and clearance path input - output	8 mm
Overvoltage category	III
Pollution severity	2
Protective separation to VDE 0106 part 101	yes

### Dimensions

Length x width x height	mm	29 / 12.6 / 25.5
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### Note

### Ordering data

Input	12 V DC 1CO	24 V DC 1CO	12 V DC 1NC / 1NO	24 V DC 1NC / 1NO
Rated voltage	12 V DC	24 V DC	12 V DC	24 V DC
Rated current AC				
Rated current DC	58.3 mA	29.2 mA	58.3 mA	29.2 mA
Power rating	700 mW	700 mW	700 mW	700 mW
AC Response/dropout Volt				
DC Response/dropout Volt	9.0 V / 1.2 V	18.0 V / 2.4 V	9.0 V / 1.2 V	18.0 V / 2.4 V

### Ordering data

NCC/NOC	Type			RCH S51012	RCH S51024
	Order No.			<b>8768670000</b>	<b>8768700000</b>
CO contact	Type	RCH S21012	RCH S21024		
	Order No.	<b>8768660000</b>	<b>8768680000</b>		

### Ordering data

	Type				
	Order No.				

### Note