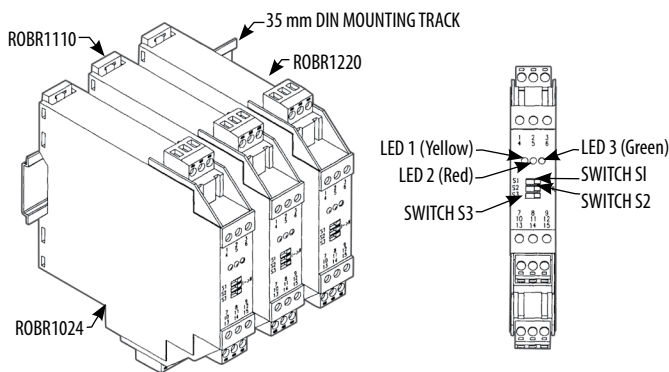


Barrier/Switch Isolator

BARRIER/SWITCH ISOLATOR

A barrier/switch isolator is designed to supply power to the NAMUR sensor, read the output state of the sensor and provide the desired safety and switching options based on the sensors current state. The barrier/switch isolator has three sets of connections: the supply voltage (powers the barrier), an input stage (accepts sensor inputs), and an output stage (relay or transistor switching). Supply voltages are 220VAC, 110VAC, or 24VDC. Switch isolators may receive an input from inductive sensors or dry mechanical contacts. The input circuit between the sensor or mechanical contact and the switch isolator is suitable to be installed in a hazardous area under the designation "Intrinsically Safe". Supply voltage and switching options must be specified when ordering.

SINGLE CHANNEL BARRIER/SWITCH ISOLATORS (I.S.)



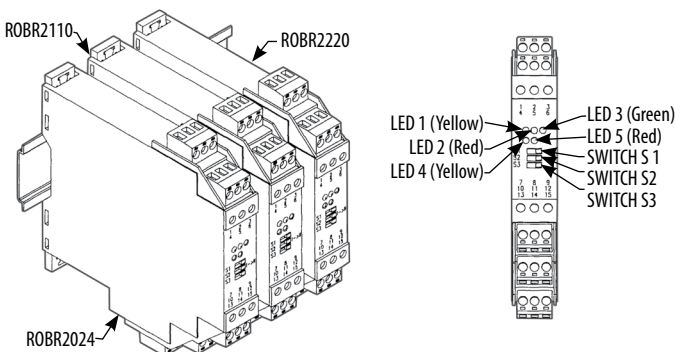
SINGLE CHANNEL OPTIONS

KING ORDER #	POWER SUPPLY	PEPPERL & FUCHS #	OUTPUT
ROBR1024	DC 20V-30V	KFD2-SR2-EX1.W	1 SPDT RELAY AC: 250V/2A DC: 40V/2A
ROBR1110	AC IO4-126V	KFA5-SR2-EX1.W	
ROBR1220	AC 207V-253V	KFA6-SR2-EX1.W	

RECOMMENDED USE

PRODUCT LINE	ALARM OPTION
7310/7330 Series	Single Latching Reed Switch
7430/7440 Series	Proximity or Latching Inductive Namur Ring Sensor
7470 Series	Single Latching Reed Switch
7480 Series	Single Latching Reed Switch
7610 Series	Single Latching Reed Switch
7710/7720/7750 Series	Single Inductive Namur Slot Sensor
7910 Series	Single Latching Reed Switch
9000 Series	Single Latching Reed Switch

DUAL CHANNEL BARRIER/SWITCH ISOLATORS (I.S.)



DUAL CHANNEL OPTIONS

KING ORDER #	POWER SUPPLY	PEPPERL & FUCHS #	OUTPUT
ROBR2024	DC 20V-30V	KFD2-SR2-EX2.W	2 SPDT RELAY AC: 250V/2A DC: 40V/2A
ROBR2110	AC IO4-126V	KFA5-SR2-EX2.W	
ROBR2220	AC 207V-253V	KFA6-SR2-EX2.W	

RECOMMENDED USE

PRODUCT LINE	ALARM OPTION
7310/7330 Series	Dual Latching Reed Switch
7470 Series	Dual Latching Reed Switch
7480 Series	Dual Latching Reed Switch
7610 Series	Dual Latching Reed Switch
7710/7720/7750 Series	Dual Inductive Namur Slot Sensor
7910 Series	Dual Latching Reed Switch
9000 Series	Dual Latching Reed Switch