

PSRswitch system selection in 3 easy steps



Step 1

Select sensor type(s)
and actuator(s)

≤ 30 sensors
connected in series

	UNICODE SENSOR	• Sensor paired with one single actuator • Pairing with a new replacement actuator possible • No limit to new pairings, but one actuator paired at a time • Most common in application	PSR-CT-C-SEN-1-8 Order no. 2702972
	MULTICODE SENSOR	• No pairing required • Sensor functions with multiple actuators simultaneously	PSR-CT-M-SEN-1-8 Order no. 2702975
	FIXCODE SENSOR	• Sensor paired with one single actuator • No further pairing possible	PSR-CT-F-SEN-1-8 Order no. 2702976
	ACTUATOR	• One actuator for all sensor types	PSR-CT-C-ACT Order no. 2702973

For more information, please contact Technical Service at (800)-322-3225, or visit: www.phoenixcontact.com/PSRswitch



Step 2

Select a compatible safety relay

Type	Safe outputs	Aux contacts	Reset	Width	IO-Link	Type description	Connection technology and order number	
							Screw	Spring
PSRmini	2 NO	-	A	6.8 mm	-	PSR-MS60-2NO-24DC-...	2904958	-
	3 NO	1 DO	A/M	12.5 mm	-	PSR-MC40-3NO-1DO-24DC-...	2700569	2700570
	2 NO	1 DO	A/M	17.5 mm	✓	PSR-MC42-2NO-1DO-24DC-...	2702901	2702902
	3 NO	1 NC	A/M	22.5 mm	-	PSR-MC32-3NO-1NC-24-230UC-...	2700524	2700525
PSRclassic	3 NO	1 DO	A	22.5 mm	-	PSR-...- 24DC/URML4/3X1/1X2/B	2903583	2903584
	3 NO	1 DO	A/M	22.5 mm	-	PSR-...- 24UC/ESL4/3X1/1X2/B	2981059	2981062
	2 NO	1 DO	A/M	22.5 mm	-	PSR-...- 24DC/SDC4/2X1/B	2981486	2981499

NOTE: More compatible devices available at www.phoenixcontact.com/PSRswitch

Step 3

Select connection accessories

Sensor cables – Yellow 105°C PVC										
	# Wires	Configuration	0.5 M	1.5 M	2 M	5 M	10 M	15 M	20 M	Notes
	8-pos. A-code	Female straight/ Open end	-	-	1406105	1406104	1406103	1418058	1418059	Connection from Sensor to Y-adapters or single sensor to the safety relay
		Male/Female straight	1406089	1406088	-	1417913	1417914	1417915	1417916	
	5-pos. A-code	Female straight/ Open end	-	-	1406169	1406168	1406167	1417974	1417975	Connection between series Y-adapters and from final Y-adapter to the safety relay
		Male/Female straight	1406154	1406153	-	1417902	1417903	1417904	1417905	

Accessories for series connections			
	Y-Adapter Series wiring	- 2x5 pole and 1x8 pole M12 adapter - Required for connection of switches in series	SAC-8PY-M/2XF BK 1-PSR Order no. 1054338
	Termination plug	- 1x5 pole M12 termination plug - Fitted to last Y-adapter in series	SAC-5P-M12MS BK BR 1-2-4 Order no. 1054366

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