

Wireless Auto Switch





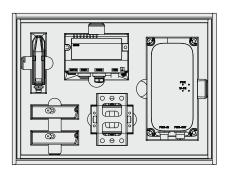
Wireless Auto Switch

IN574 Series



How to Order

Evaluation kit (Starter kit)



IN574-140-1-EN

Wireless auto switch Evaluation kit

Communication protocol

Symbol	Protocol
EN	EtherNet/IP
PN	PROFINET
EC	EtherCAT

- * Wireless auto switch can't be used alone.
- It needs wireless power transmitter and wireless base (including special adapter) for power supply and communication.
- * We provide evaluation kit: starter kit which have necessary devices to use wireless auto switch.

Wireless auto switch



IN574-147

Wireless power transmitter



IN574-138-1

Evaluation Kit Contents

Description	Part no.	Quantity	Note
Wireless auto switch*1	IN574-147	2	
Wireless power transmitter*1	IN574-138-1	1	
Bracket for wireless power transmitter	_	1	
Operation manual for wireless power transmitter	_	1	
Leaflet to apply wireless station license	_	1	
Compact wireless base	<pre><for ethernet="" ip=""> EXW1-BENAC1 <for profinet=""> EXW1-BPNAC1 <for ethercat=""> EXW1-BECAC</for></for></for></pre>	1	It varies depending on communication protocol type.*2
Wireless adapter	EXW1-A11N-X2	1	A dedicated for wireless auto switch*3
Installation plate for wireless adapter	EXW1-AB4	1	
Set screw for wireless adapter	_	1	2 pcs.
Operation manual for wireless adapter	_	1	
Wireless adapter cable	EXW1-AC001-SAPU	1	
Power supply cable for compact wireless base	PCA-1401804	1	M12 socket connector, 1.5 m
Communication cable	EX9-AC010EN-PSRJ	1	M12 plug/RJ-45 connector, 1 m
Power supply cable for wireless power transmitter	_	1	M12 socket connector, 1.5 m

^{*1} Refer to "Operational Manual" from the website about details of wireless auto switch and wireless power transmitter.

Please download the Operation Manual via SMC website.

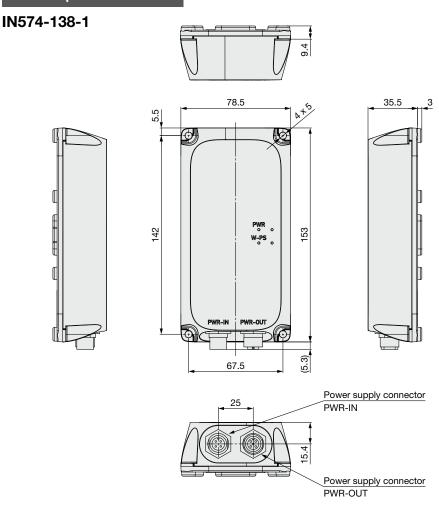
- *2 Download configuration file for each protocol from the website.
- *3 It can't be used with standard wireless adapter.



Dimensions/Parts Description

Wireless auto switch IN574-147 M2 x 15 L Label (15) Most sensitive position

Wireless power transmitter



55 20 66.5

Power Supply Connector PWR-IN

No.	Signal	M12, 4 pins, plug	
INO.		A code	
1	24V_In	2 🔍 1	
2	N.C.	(0 0)	
3	0 V	\	
4	N.C.	3 4	

Power Supply Connector PWR-OUT

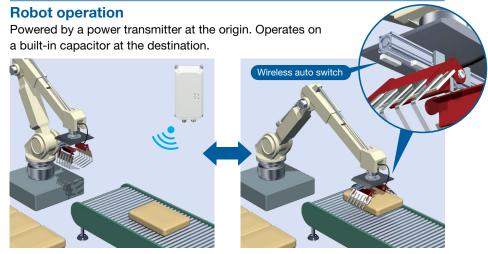
	No.	Signal	M12, 5 pins, socket			
	INO.	Signal	A code			
	1	24V_Out				
	2	N.C.	$1\sqrt{0.02}$			
	3	0 V	(50)			
	4	N.C.	4 0 0 3			
ĺ	5	N.C.				

Wireless adapter

For the wireless adapter (EXW1-A11N-X2), please refer to the external dimensions of the standard product (EXW1-A11 \square).



Applications



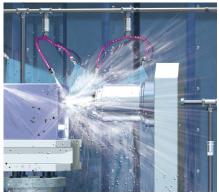
Transfer processes

Power is supplied by power transmitters at each transfer point.



Processes where cable deterioration may occur

Machining processes



Arc welding processes



Rotating processes

Power is supplied by power transmitters at each transfer point.



Wireless Communication Features

The goal of this original wireless communication technology was to create wireless systems that could co-exist without interference. In automobile manufacturing welding processes, the product is able to operate without any wireless interference, even when other wireless communication (AGV, production information being sent via Wi-fi, etc.) is present in the surrounding area.

- Provides stable communication in FA environments
- Frequency hopping / Event communication system
- F.C.S. (Frequency Channel Select) supported

Compact Type EXW1 Series



Modular Type EX600-W Series

* Not applicable for use on the same wireless network as the wireless auto switch.



A Safety Instructions Be sure to read the "Handling Precautions for SMC Products" (M-E03-3) and "Operation Manual" before use.

SMC Corporation