

R900, R1800 series relays and optocouplers

Transitioning into obsolete phase

Overview

The R900 and R1800 series relays including optocouplers have now reached the end of their active sales status and are transitioning into the obsolete phase effective January 1, 2014. These products are replaced by the R600 series which offers enhanced features and functionality.

Products concerned

Obsolete P/N	Description	Type	Family	Replacement P/N	Description	Family	Comments
1SNA630001R0000	RB121-12VDC	Relay	R900	1SNA645037R2600	RB121 12VDC / 1mA TO 6A-250V	R600	
1SNA630002R0100	RB121A-24V AC/DC	Relay	R900	1SNA645006R0700	RB121A 24V / 1mA TO 6A-250V	R600	
1SNA630003R0200	RB121A-48VAC/DC	Relay	R900	1SNA645006R0000	RB121A 48-60V / 1mA TO 6A-250V	R600	
1SNA630004R0300	RB121B 110VAC/50HZ	Relay	R900	1SNA645007R0100	RB121A 115V / 1mA TO 6A-250V	R600	
1SNA630005R0400	RB121B 115VAC/60HZ	Relay	R900	1SNA645007R0100	RB121A 115V / 1mA TO 6A-250V	R600	
1SNA630006R0500	RB121B 230VAC/50HZ	Relay	R900	1SNA645008R1200	RB121A 230V / 1mA TO 6A-250V	R600	
1SNA630007R0600	RB121A-24VAC-DC	Relay	R900	1SNA645037R2600	RB121 12VDC / 1mA TO 6A-250V	R600	
1SNA630011R2100	RB122A 24VAC/DC	Relay	R900	1SNA645012R2500	RB122A 24V / 1mA TO 6A-250V	R600	min contact current 1mA
1SNA630019R0100	RB122 24VDC	Relay	R900	1SNA645012R2500	RB122A 24V / 1mA TO 6A-250V	R600	
1SNA630021R2300	RB122B 110VAC 50HZ	Relay	R900	1SNA645041R0200	RB122A 115V / 1mA TO 6A-250V	R600	
1SNA630022R2400	RB122B 115VAC 60HZ	Relay	R900	1SNA645041R0200	RB122A 115V / 1mA TO 6A-250V	R600	
1SNA008010R0500	RB111V-24VDC	Relay	R900	no replacement			
1SNA008004R0400	OBC 0100 S125VDC	Optocoupler	R900	1SNA645022R2700	OBC0100 115-230VACDC / 100mA-	R600	
1SNA008048R1700	OBC0100-110VAC/125VDC	Optocoupler	R900	1SNA645022R2700	OBC0100 115-230VACDC / 100mA-	R600	
1SNA008049R1000	OBC0100-125VDC	Optocoupler	R900	1SNA645022R2700	OBC0100 115-230VACDC / 100mA-	R600	
1SNA008076R0300	OBC 00100R-110VAC	Optocoupler	R900	1SNA645022R2700	OBC0100 115-230VACDC / 100mA-	R600	
1SNA008077R0400	OBC 0100R-230VAC	Optocoupler	R900	1SNA645022R2700	OBC0100 115-230VACDC / 100mA-	R600	
1SNA008079R1600	OBC 0300 24VDC/125VDC	Optocoupler	R900	no replacement			
1SNA008040R0400	OBC 0050-125VDC/24VDC	Optocoupler	R900	no replacement			
1SNA608014R2200	OBC1000-5VDC	Optocoupler	R900	1SNA645050R1700	OBOC1000 5-12VDC / 2A-58VDC	R600	rated contact voltage 5-58VDC
1SNA608015R0400	OBA 1000 5VDC	Optocoupler	R900	no replacement			
1SNA608017R0600	OBC0100-24VDC	Optocoupler	R900	1SNA645021R2600	OBC0100 24VDC / 100mA-58VDC	R600	rated contact voltage 5-58VDC
1SNA608018R1700	OBC1000-24VDC	Optocoupler	R900	1SNA645051R0400	OBOC1000 24VDC / 2A-58VDC	R600	rated contact voltage 5-58VDC
1SNA608019R1000	OBA 1000 24VDC	Optocoupler	R900	1SNA645029R0600	OBOA2000 24VDC / 2A-10 TO 230V	R600	rated contact voltage 10-230VAC
1SNA608021R0200	OBC0100-48VDC	Optocoupler	R900	1SNA645049R1200	OBC0100 48-60V / 100mA-58VDC	R600	rated contact voltage 5-58VDC
1SNA608022R0300	OBC1000-48VDC	Optocoupler	R900	1SNA645053R0600	OBOC1000 48-60VACDC / 2A- 58VDC	R600	rated contact voltage 5-58VDC
1SNA608023R0400	OBA 1000 48VDC	Optocoupler	R900	1SNA645061R0600	OBOA1000 48-60VACDC / 1A-24 TO	R600	
1SNA608024R0500	OBC0100-110VAC	Optocoupler	R900	1SNA645022R2700	OBC0100 115-230VACDC / 100mA-	R600	rated contact voltage 5-58VDC
1SNA608025R0600	OBC1000-110VAC	Optocoupler	R900	1SNA645054R0700	OBOC1000 115VACDC / 2A-58VDC	R600	rated contact voltage 5-58VDC
1SNA608026R0700	OBA 1000 110VAC	Optocoupler	R900	1SNA645062R0700	OBOA1000 115VACDC / 1A-24 TO 4	R600	
1SNA608027R0000	OBC0100-230VAC	Optocoupler	R900	1SNA645022R2700	OBC0100 115-230VACDC / 100mA-	R600	rated contact voltage 5-58VDC
1SNA608028R1100	OBC1000-220VAC	Optocoupler	R900	1SNA645026R2300	OBOC1000 230VACDC / 2A-58VDC	R600	
1SNA608068R2100	ORC111-24VDC	Optocoupler	R900	no replacement			
1SNA608069R2200	ORA111-24VDC SORTIE 135VAC MAX	Optocoupler	R900	no replacement			
1SNA010014R1200	RB211-24VDC	Relay	R1800	1SNA645012R2500	RB122A 24V / 1mA TO 6A-250V	R600	no CSA approval, min contact current 1mA
1SNA010055R2300	RB131-24VDC	Relay	R1800	1SNA645012R2500	RB122A 24V / 1mA TO 6A-250V	R600	min contact current 1mA
1SNA010063R2300	RB310-24VDC	Relay	R1800	1SNA645012R2500	RB122A 24V / 1mA TO 6A-250V	R600	min contact current 1mA
1SNA010064R2400	RB310-48VDC	Relay	R1800	1SNA645040R1500	RB122A 48-60V / 1mA TO 6A-250V	R600	min contact current 1mA
1SNA010126R1700	RB114A-24VAC-DC	Relay	R1800	1SNA645012R2500	RB122A 24V / 1mA TO 6A-250V	R600	2 x pieces,min contact current 1mA
1SNA010127R1000	RB114A-48VAC-DC	Relay	R1800	1SNA645040R1500	RB122A 48-60V / 1mA TO 6A-250V	R600	2 x pieces,min contact current 1mA
1SNA010151R2000	RB131CV 24VDC	Relay	R1800	1SNA645012R2500	RB122A 24V / 1mA TO 6A-250V	R600	min contact current 1mA
1SNA010152R2100	RB131CV 48VDC	Relay	R1800	1SNA645040R1500	RB122A 48-60V / 1mA TO 6A-250V	R600	min contact current 1mA
1SNA010153R2200	RB131BCVR 110VAC	Relay	R1800	1SNA645541R0400	RBR122A 115V / 1mA TO 6A-250V	R600	min contact current 1mA
1SNA010154R2300	RB121CV 24VDC	Relay	R1800	1SNA645006R0700	RB121A 24V / 1mA TO 6A-250V	R600	min contact current 1mA
1SNA010155R2400	RB121CV 48VDC	Relay	R1800	1SNA645006R0000	RB121A 48-60V / 1mA TO 6A-250V	R600	min contact voltage 1mA

Obsolete P/N	Description	Type	Family	Replacemet P/N	Description	Family	Comments
1SNA010156R2500	RB121BCVR 110VAC	Relay	R1800	1SNA645007R0100	RB121A 115V / 1mA TO 6A-250V	R600	min contact voltage 1mA
1SNA010158R0700	RB121A-115VAC-DC RC	Relay	R1800	1SNA645041R0200	RB122A 115V / 1mA TO 6A-250V	R600	rated contact voltage 250V
1SNA010168R0100	RB121A 115VAC DC	Relay	R1800	1SNA645041R0200	RB122A 115V / 1mA TO 6A-250V	R600	rated contact voltage 250V
1SNA010174R2700	RB122 12VDC	Relay	R1800	no replacement			
1SNA010181R1700	RB131CV 24VDC	Relay	R1800	1SNA645012R2500	RB122A 24V / 1mA TO 6A-250V	R600	
1SNA010182R1000	RB131CV 48VDC	Relay	R1800	1SNA645040R1500	RB122A 48-60V / 1mA TO 6A-250V	R600	
1SNA010183R1100	RB131BCVR 110VAC	Relay	R1800	1SNA645041R0200	RB122A 115V / 1mA TO 6A-250V	R600	
1SNA010184R1200	RB121CV 24VDC	Relay	R1800	1SNA645005R0700	RB121A 24V / 1mA TO 6A-250V	R600	
1SNA010185R1300	RB121CV 48VDC	Relay	R1800	1SNA645006R0000	RB121A 48-60V / 1mA TO 6A-250V	R600	
1SNA010186R1400	RB121BCVR 110VAC	Relay	R1800	1SNA645007R0100	RB121A 115V / 1mA TO 6A-250V	R600	
1SNA010226R2300	RB121A 110/135VAC DC	Relay	R1800	1SNA645041R0200	RB122A 115V / 1mA TO 6A-250V	R600	rated supply / coil voltage 115VAC/DC
1SNA010228R0500	RB122A-135VAC-DC	Relay	R1800	no replacement with 135VAC/DC 2c/o			
1SNA010570R0000	RB 122 S - 230V	Relay	R1800	no replacement			
1SNA610004R0700	RB121A-24VAC-DC	Relay	R1800	1SNA645012R2500	RB122A 24V / 1mA TO 6A-250V	R600	rated contact voltage 250V
1SNA610006R0100	RB121A-48VAC-DC	Relay	R1800	1SNA645040R1500	RB122A 48-60V / 1mA TO 6A-250V	R600	
1SNA610011R2500	RB122AR-110VAC-DC	Relay	R1800	1SNA645041R0200	RB122A 115V / 1mA TO 6A-250V	R600	
1SNA610059R1500	RB122-24VDC	Relay	R1800	1SNA645012R2500	RB122A 24V / 1mA TO 6A-250V	R600	min contact current 1mA
1SNA610060R1200	RB122-48VDC	Relay	R1800	1SNA645040R1500	RB122A 48-60V / 1mA TO 6A-250V	R600	min contact current 1mA
1SNA610089R0400	RB122BR-220VAC	Relay	R1800	1SNA645013R2600	RB122A 230V / 1mA TO 6A-250V	R600	
1SNA610115R2200	RB122BR-110VAC	Relay	R1800	1SNA645041R0200	RB122A 115V / 1mA TO 6A-250V	R600	min contact current 1mA
1SNA610121R2000	RB122AV-24VAC-DC	Relay	R1800	1SNA645012R2500	RB122A 24V / 1mA TO 6A-250V	R600	
1SNA610122R2100	RB122AV-48VAC-DC	Relay	R1800	1SNA645040R1500	RB122A 48-60V / 1mA TO 6A-250V	R600	
1SNA610123R2200	RB122A-220VAC-DC	Relay	R1800	1SNA645013R2600	RB122A 230V / 1mA TO 6A-250V	R600	
1SNA610125R2400	RB121A 12V	Relay	R1800	no replacement			
1SNA610132R2300	RB121A-110-220VAC-DC	Relay	R1800	1SNA645041R0200	RB122A 115V / 1mA TO 6A-250V	R600	rated supply / coil voltage 115VAC/DC
1SNA011093R0700	ROB 121 24VDC	Relay	R1800				
1SNA010031R1300	EB IDC5	Optocoupler	R1800	1SNA645047R0000	OBIC0100 5-12VDC / 100mA-58VDC	R600	
1SNA010033R1500	EB IDC24	Optocoupler	R1800	1SNA645021R2600	OBIC0100 24VDC / 100mA-58VDC	R600	
1SNA010034R1600	EB OAC5	Optocoupler	R1800	no replacement			
1SNA010036R1000	EB OAC24	Optocoupler	R1800	1SNA645027R2400	OBOA1000 24VDC / 1A-24 TO 400	R600	
1SNA010037R1100	EB ODC5	Optocoupler	R1800	1SNA645050R1700	OBOC1000 5-12VDC / 2A-58VDC	R600	rated contact voltage 5-58VDC
1SNA010039R2300	EB ODC24	Optocoupler	R1800	1SNA645051R0400	OBOC1000 24VDC / 2A-58VDC	R600	rated contact voltage 5-58VDC
1SNA010048R0400	EB01-48VAC-DC	Optocoupler	R1800	1SNA645049R1200	OBIC0100 48-60V / 100mA-58VDC	R600	
1SNA010131R1400	EB01R 5VDC	Optocoupler	R1800	no replacement			
1SNA610022R2000	EB01-24VAC-DC	Optocoupler	R1800	1SNA645025R2200	OBOC1500 24VACDC / 2A-58VDC	R600	rated contact voltage 5-58VDC
1SNA610023R2100	EB01-220VAC-DC	Optocoupler	R1800	1SNA645022R2700	OBIC0100 115-230VACDC / 100mA-	R600	rated contact voltage 5-58VDC
1SNA610108R1400	EB01-127VAC-DC	Optocoupler	R1800	1SNA645022R2700	OBIC0100 115-230VACDC / 100mA-	R600	rated contact voltage 5-58VDC
1SNA610230R1100	EB03-DC	Optocoupler	R1800	1SNA645049R1200	OBIC0100 48-60V / 100mA-58VDC	R600	
1SNA011119R1500	EB02MOS-EMERAUDE	Optocoupler	R1800	no replacement			

Important dates

Once a product enters the obsolete phase, it is no longer promoted and will be removed from the product catalog. Therefore, long-term requirements and last buy decisions should be based on the following:

- Last time to order: Dec. 31, 2013 or until stock is depleted
- Obsolete phase: Jan. 1, 2014

Support and availability

- Product is no longer manufactured nor supported by development
- Product availability may continue, but is not guaranteed
- Service support (field service, phone support, etc.) continues, but may diminish over time with decreasing installed base.
- Spare parts are available while stock lasts

Obsolete phase

A product is transferred to the obsolete phase when it is no longer possible to provide services at reasonable cost, or when ABB can no longer support the product technically, or the old technology is not available.

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