Reliability Data for Safety of Machinery

Relays & SSR

OMRON Corporarion

24-Aug-12   Contents of this document are subject to change without notice.

Products	Model	Condition / Function	SIL	PFHd	PL	Category	MTTFd(Year)	DCavg (%)	B10d	Note
Industrial relay	G7T series (for input)		-	-	-	-	-	-	2.E+04	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Industrial relay	G7T series (for output)		-	-	-	-	-	-	1.E+06	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Industrial relay	G2A series		–	–	–	–	–	–	5.E+06	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Industrial relay	G2A-434 series		–	–	–	–	–	–	5.E+06	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Industrial relay	G2AK series		–	–	–	–	–	–	5.E+06	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Industrial relay	MK series		–	–	–	–	–	–	5.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Industrial relay	MK-S series		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Industrial relay	MKK series								5.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Industrial relay	MM series		–	–	–	–	–	–	5.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Industrial relay	MMK series		–	–	–	–	–	–	5.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Industrial relay	G7K series		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Industrial relay	G7J series		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Industrial relay	G7X series		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Industrial relay	G7Z series		–	–	–	–	–	–	8.E+04	The types with auxiliary NC contact block attached conform to EN60947-4-1 mirror contact mechanisms.
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Reliability Data for Safety of Machinery   **Relays & SSR**   OMRON

OMRON Corporarion   26-Aug-11   Contents of this document are subject to change without notice.

Products	Model	Condition / Function	SIL	PFHd	PL	Category	MTTFd(Year)	DCavg (%)	B10d	Note
General-purpose Relay	MY2		-	-	-	-	-	-	5.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
General-purpose Relay	MY2Z		-	-	-	-	-	-	2.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
General-purpose Relay	MY3		–	–	–	–	–	–	5.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
General-purpose Relay	MY4		–	–	–	–	–	–	2.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
General-purpose Relay	MY4Z		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
General-purpose Relay	MY2(S)		–	–	–	–	–	–	5.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
General-purpose Relay	MY3(S)		–	–	–	–	–	–	2.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
General-purpose Relay	MY4(S)		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
General-purpose Relay	MY4Z-CBG		–	–	–	–	–	–	5.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
General-purpose Relay	MY2K		–	–	–	–	–	–	2.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
General-purpose Relay	MY4H		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
General-purpose Relay	LY		–	–	–	–	–	–	2.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
General-purpose Relay	G2R-S		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.

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Products	Model	Condition / Function	SIL	PFHd	PL	Category	MTTFd(Year)	DCavg (%)	B10d	Note
Power relay	G5NB		-	-	-	-	-	-	2.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G5Q		-	-	-	-	-	-	5.E+04	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G5LE		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G5CA-1A		–	–	–	–	–	–	3.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G5CA-1A4,-1A4-H		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G5CA-1A-E		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G4A		–	–	–	–	–	–	2.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
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Products	Model	Condition / Function	SIL	PFHd	PL	Category	MTTFd(Year)	DCavg (%)	B10d	Note
Power relay	G5SB		-	-	-	-	-	-	5.E+04	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G6M		-	-	-	-	-	-	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G6D		–	–	–	–	–	–	7.E+04	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G6B		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G6RN		–	–	–	–	–	–	5.E+04	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G6RL		–	–	–	–	–	–	5.E+04	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G6C		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G4W		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G2RL		–	–	–	–	–	–	3.E+04	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G5RL-LN		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G2RL-TP		–	–	–	–	–	–	5.E+04	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G2RG		–	–	–	–	–	–	1.E+04	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G2R		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Power relay	G7L		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
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Relays & SSR

OMRON Corporarion

11-Aug-11   Contents of this document are subject to change without notice.

Products	Model	Condition / Function	SIL	PFHd	PL	Category	MTTFd(Year)	DCavg (%)	B10d	Note
Signal relay	G6A		-	-	-	-	-	-	5.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Signal relay	G6E		-	-	-	-	-	-	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Signal relay	G6L		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Signal relay	G6S		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Signal relay	G6K		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Signal relay	G6J		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Signal relay	G6Y		–	–	–	–	–	–	3.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Signal relay	G6Z		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Signal relay	G5V-1		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Signal relay	G5V-2		–	–	–	–	–	–	1.E+05	This product does NOT conform to requirements of EN50205 forcibly guided relay.
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OMRON Corporarion   7-Sep-11   Contents of this document are subject to change without notice.

Products	Model	Condition / Function	SIL	PFHd	PL	Category	MTTFd(Year)	DCavg (%)	B10d	Note
Solid State Relay	G3PE series		-	-	-	-	10	-	-	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Solid State Relay	G3NA series		-	-	-	-	10	-	-	This product does NOT conform to requirements of EN50205 forcibly guided relay.
Solid State Relay	G3R series		–	–	–	–	10	–	–	This product does NOT conform to requirements of EN50205 forcibly guided relay.
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