



ANLY SOLID STATE RELAY



FEATURES

- *HIGH RELIABILITY
- *LONG LIFE
- *NO SWITCHING SPARKS
- *NO NOISE
- *NO CONTACT POINTS
- *FAST REACTION
- *CE certified

TYPE SELECTION :

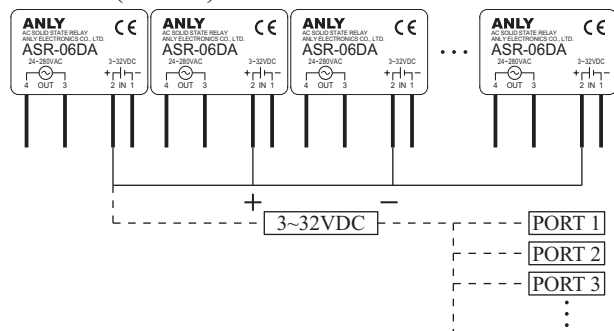
MODEL	TYPE	INPUT CONTROL VOLTAGE	MAX. LOAD CURRENT	LOAD VOLTAGE RANGE	SWITCHING TYPE	WEIGHT
ASR-M02DA-1	DC → AC	3~32VDC	2A	24~280VAC	ZERO-CROSS	Approx. 25g
ASR-M02DA-2						Approx. 62.5g
ASR-M02DA-4P*						Approx. 107.5g
ASR-M02DA-4N*						Approx. 107.5g
ASR-M02DA-8P*						Approx. 186.5g
ASR-M02DA-8N*						Approx. 186.5g
ASR-M03DA-1	DC → AC	3~32VDC	3A	24~280VAC	ZERO-CROSS	Approx. 25g
ASR-M03DA-2						Approx. 62.5g
ASR-M03DA-4P*						Approx. 107.5g
ASR-M03DA-4N*						Approx. 107.5g
ASR-M03DA-8P*						Approx. 186.5g
ASR-M03DA-8N*						Approx. 186.5g
ASR-M04DA-1	DC → AC	3~32VDC	4A	24~280VAC	ZERO-CROSS	Approx. 25g
ASR-M04DA-2						Approx. 62.5g
ASR-M04DA-4P*						Approx. 107.5g
ASR-M04DA-4N*						Approx. 107.5g
ASR-M04DA-8P*						Approx. 186.5g
ASR-M04DA-8N*						Approx. 186.5g

MODEL	TYPE	INPUT CONTROL VOLTAGE	MAX. LOAD CURRENT	LOAD VOLTAGE RANGE	SWITCHING TYPE	WEIGHT
ASR-M05DA-1	DC → AC	3~32VDC	5A	24~280VAC	ZERO- CROSS	Approx. 25g
ASR-M05DA-2						Approx. 62.5g
ASR-M05DA-4P*						Approx. 107.5g
ASR-M05DA-4N*						Approx. 107.5g
ASR-M05DA-8P*						Approx. 186.5g
ASR-M05DA-8N*						Approx. 186.5g
ASR-M06DA-1	DC → AC	3~32VDC	6A	24~280VAC	ZERO- CROSS	Approx. 25g
ASR-M06DA-2						Approx. 62.5g
ASR-M06DA-4P*						Approx. 107.5g
ASR-M06DA-4N*						Approx. 107.5g
ASR-M06DA-8P*						Approx. 186.5g
ASR-M06DA-8N*						Approx. 186.5g
ASR-M02DA-H-1	DC → AC	3~32VDC	2A	24~480VAC	ZERO- CROSS	Approx. 25g
ASR-M02DA-H-2						Approx. 62.5g
ASR-M02DA-H-4P*						Approx. 107.5g
ASR-M02DA-H-4N*						Approx. 107.5g
ASR-M02DA-H-8P*						Approx. 186.5g
ASR-M02DA-H-8N*						Approx. 186.5g
ASR-M03DA-H-1	DC → AC	3~32VDC	3A	24~480VAC	ZERO- CROSS	Approx. 25g
ASR-M03DA-H-2						Approx. 62.5g
ASR-M03DA-H-4P*						Approx. 107.5g
ASR-M03DA-H-4N*						Approx. 107.5g
ASR-M03DA-H-8P*						Approx. 186.5g
ASR-M03DA-H-8N*						Approx. 186.5g
ASR-M04DA-H-1	DC → AC	3~32VDC	4A	24~480VAC	ZERO- CROSS	Approx. 25g
ASR-M04DA-H-2						Approx. 62.5g
ASR-M04DA-H-4P*						Approx. 107.5g
ASR-M04DA-H-4N*						Approx. 107.5g
ASR-M04DA-H-8P*						Approx. 186.5g
ASR-M04DA-H-8N*						Approx. 186.5g
ASR-M05DA-H-1	DC → AC	3~32VDC	5A	24~480VAC	ZERO- CROSS	Approx. 25g
ASR-M05DA-H-2						Approx. 62.5g
ASR-M05DA-H-4P*						Approx. 107.5g
ASR-M05DA-H-4N*						Approx. 107.5g
ASR-M05DA-H-8P*						Approx. 186.5g
ASR-M05DA-H-8N*						Approx. 186.5g
ASR-M06DA-H-1	DC → AC	3~32VDC	6A	24~480VAC	ZERO- CROSS	Approx. 25g
ASR-M06DA-H-2						Approx. 62.5g
ASR-M06DA-H-4P*						Approx. 107.5g
ASR-M06DA-H-4N*						Approx. 107.5g
ASR-M06DA-H-8P*						Approx. 186.5g
ASR-M06DA-H-8N*						Approx. 186.5g

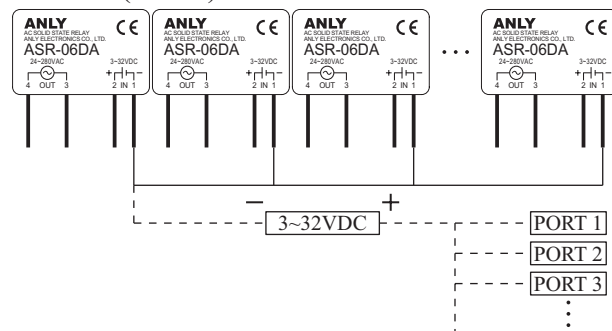
MODEL	TYPE	INPUT CONTROL VOLTAGE	MAX. LOAD CURRENT	LOAD VOLTAGE RANGE	SWITCHING TYPE	WEIGHT
ASR-M02AA-1	AC → AC	80~280VAC	2A	24~280VAC	ZERO- CROSS	Approx. 25g
ASR-M02AA-2						Approx. 62.5g
ASR-M02AA-4						Approx. 107.5g
ASR-M02AA-8						Approx. 186.5g
ASR-M04AA-1	AC → AC	80~280VAC	4A	24~280VAC	ZERO- CROSS	Approx. 25g
ASR-M04AA-2						Approx. 62.5g
ASR-M04AA-4						Approx. 107.5g
ASR-M04AA-8						Approx. 186.5g
ASR-M06AA-1	AC → AC	80~280VDC	6A	24~280VAC	ZERO- CROSS	Approx. 25g
ASR-M06AA-2						Approx. 62.5g
ASR-M06AA-4						Approx. 107.5g
ASR-M06AA-8						Approx. 186.5g
ASR-M02DD-1	DC → DC	3~32VDC	2A	3~60VDC	N/A	Approx. 25g
ASR-M02DD-2						Approx. 62.5g
ASR-M02DD-4P*						Approx. 107.5g
ASR-M02DD-4N*						Approx. 107.5g
ASR-M02DD-8P*						Approx. 186.5g
ASR-M02DD-8N*						Approx. 186.5g
ASR-M04DD-1	DC → DC	3~32VDC	4A	3~60VDC	N/A	Approx. 25g
ASR-M04DD-2						Approx. 62.5g
ASR-M04DD-4P*						Approx. 107.5g
ASR-M04DD-4N*						Approx. 107.5g
ASR-M04DD-8P*						Approx. 186.5g
ASR-M04DD-8N*						Approx. 186.5g
ASR-M02AD-1	AC → DC	80~280VAC	2A	3~60VDC	N/A	Approx. 25g
ASR-M02AD-2						Approx. 62.5g
ASR-M02AD-4						Approx. 107.5g
ASR-M02AD-8						Approx. 186.5g
ASR-M04AD-1	AC → DC	80~280VAC	4A	3~60VDC	N/A	Approx. 25g
ASR-M04AD-2						Approx. 62.5g
ASR-M04AD-4						Approx. 107.5g
ASR-M04AD-8						Approx. 186.5g

*NOTE :

P TYPE(COM+)



N TYPE(COM-)

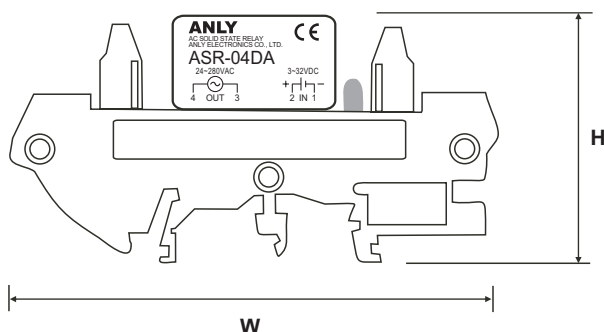
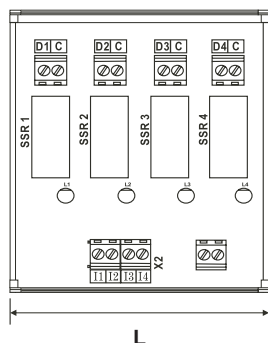


GENERAL DATA :

Type	DC→AC	DC→AC(H)	AC→AC	DC→DC	AC→DC
Must Turn Off Voltage	MAX 1.0VDC	MAX 1.0VDC	MAX 10VAC	MAX 1.0VDC	MAX 10VAC
Input Impedance	1.5K Ω	1.5K Ω	1.5K Ω	1.5K Ω	1.5K Ω
Min Blocking Voltage	600VAC peak	1200VAC peak	600VAC peak	80VDC	80VDC
Max Off-State Leakage	LESS 5mA	LESS 5mA	LESS 5mA	LESS 1mA	LESS 1mA
Frequency Range	47~70Hz	47~70Hz	47~70Hz	47~70Hz	47~70Hz
Max Off-State dv/dt	2~4A:100V/ μ Sec 5~6A:200V/ μ Sec	500V/ μ Sec	2A, 4A:100V/ μ Sec 6A:200V/ μ Sec	200V/ μ Sec	200V/ μ Sec
Max On-State Voltage Drop	2~3A:1.5VACrms 4~6A:2.0VACrms	2.0VACrms	2A:1.5VACrms 4A, 6A:2.0VACrms	1.2Vrms	1.2Vrms
Isolate Impedance	10 ⁹ Ω	10 ⁹ Ω	10 ⁹ Ω	10 ⁹ Ω	10 ⁹ Ω
Dielectric Strength Input -Output	2500VACrms	2500VACrms	4000VACrms	2500Vrms	2500Vrms
Dielectric Strength Input, Output-Case	N/A	N/A	N/A	N/A	N/A
Turn On Time	LESS 2mSec	LESS 2mSec	LESS 2mSec	LESS 2mSec	LESS 2mSec
Turn Off Time	LESS 1/2 AC CYCLE	LESS 1/2 AC CYCLE	LESS 1/2 AC CYCLE	LESS 1/2 CYCLE	LESS 1/2 CYCLE
Capacitance In-Out	LESS 15 pF	LESS 15 pF	LESS 15 pF	LESS 15 pF	LESS 15 pF
Max 1-Cycle Peak Surge	ASR-M02DA:30A ASR-M03DA:40A ASR-M04DA:50A ASR-M05DA:55A ASR-M06DA:60A	ASR-M02DA-H:20A ASR-M03DA-H:30A ASR-M04DA-H:40A ASR-M05DA-H:50A ASR-M06DA-H:60A	ASR-M02AA:30A ASR-M04AA:50A ASR-M06AA:60A	ASR-M02DD:3A ASR-M04DD:8.5A	ASR-M02AD:3A ASR-M04AD:8.5A

OUTLINE DIMENSIONS : mm

Model	Dimension (LxWxH)mm
1 port	14 x 87 x 51
2 port	34 x 87 x 51
4 port	64 x 87 x 51
8 port	124 x 87 x 51



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