



# ANLY SOLID STATE RELAY



## 3Phase SSR's FEATURES

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



ANLY

## TYPE SELECTION :

MODEL	TYPE	INPUT CONTROL VOLTAGE	MAX. LOAD CURRENT	LOAD VOLTAGE RANGE	SWITCHING TYPE	WEIGHT
ASR-3PH25DA ASR-3PH40DA ASR-3PH50DA ASR-3PH75DA ASR-3PH90DA ASR-3PH100DA ASR-3PH125DA	3PHASE (HEATER LOAD ONLY)	6~32VDC	25A 40A 50A 75A 90A 100A 125A	24~280VAC	ZERO CROSS	600 g
ASR-3PH25DA-H ASR-3PH40DA-H ASR-3PH50DA-H ASR-3PH75DA-H ASR-3PH90DA-H ASR-3PH100DA-H ASR-3PH125DA-H	3PHASE (HEATER LOAD ONLY)	12~32VDC	25A 40A 50A 75A 90A 100A 125A	48~480VAC	ZERO CROSS	600 g
ASR-3PH25AA ASR-3PH40AA ASR-3PH50AA ASR-3PH75AA ASR-3PH90AA ASR-3PH100AA ASR-3PH125AA	3PHASE (HEATER LOAD ONLY)	80~280VAC	25A 40A 50A 75A 90A 100A 125A	24~280VAC	ZERO CROSS	600 g
ASR-3PH25AA-H ASR-3PH40AA-H ASR-3PH50AA-H ASR-3PH75AA-H ASR-3PH90AA-H ASR-3PH100AA-H ASR-3PH125AA-H	3PHASE (HEATER LOAD ONLY)	80~280VAC	25A 40A 50A 75A 90A 100A 125A	48~480VAC	ZERO CROSS	600 g
ASR-3PI25DA ASR-3PI40DA ASR-3PI50DA ASR-3PI75DA ASR-3PI90DA ASR-3PI100DA ASR-3PI125DA	3PHASE (INDUCTIVE LOAD ONLY)	6~32VDC	25A 40A 50A 75A 90A 100A 125A	24~280VAC	Random Switching	600 g
ASR-3PI25DA-H ASR-3PI40DA-H ASR-3PI50DA-H ASR-3PI75DA-H ASR-3PI90DA-H ASR-3PI100DA-H ASR-3PI125DA-H	3PHASE (INDUCTIVE LOAD ONLY)	12~32VDC	25A 40A 50A 75A 90A 100A 125A	48~480VAC	Random Switching	600 g
ASR-3PI25AA ASR-3PI40AA ASR-3PI50AA ASR-3PI75AA ASR-3PI90AA ASR-3PI100AA ASR-3PI125AA	3PHASE (INDUCTIVE LOAD ONLY)	80~280VAC	25A 40A 50A 75A 90A 100A 125A	24~280VAC	Random Switching	600 g
ASR-3PI25AA-H ASR-3PI40AA-H ASR-3PI50AA-H ASR-3PI75AA-H ASR-3PI90AA-H ASR-3PI100AA-H ASR-3PI125AA-H	3PHASE (INDUCTIVE LOAD ONLY)	80~280VAC	25A 40A 50A 75A 90A 100A 125A	48~480VAC	Random Switching	600 g

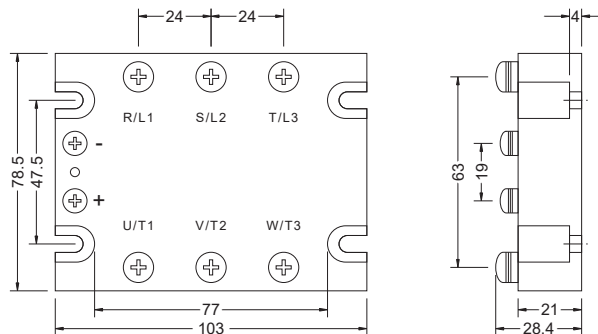
ATTENTION! Please use proper heat sink when installing Solid State Relay (SSR).  
SSR may breakdown when overheated. Please contact your local authorized distributor or customer service representative of ANLY for more information.



## GENERAL DATA :

Type	DC→AC/AC(H) (HEATER LOAD ONLY)	AC→AC/AC(H) (HEATER LOAD ONLY)	DC→AC/AC(H) (INDUCTIVE LOAD ONLY)	AC→AC/AC(H) (INDUCTIVE LOAD ONLY)
Must Turn Off Voltage	MAX 3/9.5VDC	MAX 3/9.5VDC	MAX 3/9.5VDC	MAX 3/9.5VDC
Input Impedance	1.5KΩ	1.5KΩ	1.5KΩ	1.5KΩ
Min Blocking Voltage	600/1200VAC	600/1200VAC	600/1200VAC	600/1200VAC
Max Off-State Leakage	LESS 10mA	LESS 10mA	LESS 10mA	LESS 10mA
Frequency Range	47~63Hz	47~63Hz	47~63Hz	47~63Hz
Max Off-State dv/dt	250/500 V/ μ sec	250/500 V/ μ sec	250/500 V/ μ sec	500 V/ μ sec
Max On-State Voltage Drop	1.6Vrms	1.6Vrms	1.6Vrms	1.6Vrms
Isolate Impedance	10 <sup>9</sup> Ω	10 <sup>9</sup> Ω	10 <sup>9</sup> Ω	10 <sup>9</sup> Ω
Dielectric Strength Input - Output	2500Vrms	2500Vrms	2500Vrms	2500Vrms
Dielectric Strength Input , Output-Case	2500Vrms	2500Vrms	2500Vrms	2500Vrms
Turn On Time	LESS 1/2mSec	LESS 1/2mSec	LESS 1/2 AC CYCLE	LESS 1/2 AC CYCLE
Turn Off Time	LESS 1/2 CYCLE	LESS 1/2 CYCLE	LESS 1/2 AC CYCLE	LESS 1/2 AC CYCLE
Capacitance In-Out	LESS 473 pF	LESS 473 pF	LESS 473 pF	LESS 473 pF
Max 1-Cycle Peak Surge	ASR-3PH25DA/-H: 250A ASR-3PH40DA/-H: 400A ASR-3PH50DA/-H: 500A ASR-3PH75DA/-H: 750A ASR-3PH90DA/-H: 900A ASR-3PH100DA/-H: 1KA ASR-3PH125DA/-H: 1.25KA	ASR-3PH25AA/-H: 250A ASR-3PH40AA/-H: 400A ASR-3PH50AA/-H: 500A ASR-3PH75AA/-H: 750A ASR-3PH90AA/-H: 900A ASR-3PH100AA/-H: 1KA ASR-3PH125AA/-H: 1.25KA	ASR-3PI25DA/-H: 250A ASR-3PI40DA/-H: 400A ASR-3PI50DA/-H: 500A ASR-3PI75DA/-H: 750A ASR-3PI90DA/-H: 900A ASR-3PI100DA/-H: 1KA ASR-3PI125DA/-H: 1.25KA	ASR-3PI25AA/-H: 250A ASR-3PI40AA/-H: 400A ASR-3PI50AA/-H: 500A ASR-3PI75AA/-H: 750A ASR-3PI90AA/-H: 900A ASR-3PI100AA/-H: 1KA ASR-3PI125AA/-H: 1.25KA

## OUTLINE DIMENSIONS : mm



Tolerance:±0.1

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