



# ANLY SOLID STATE RELAY



## 3Phase SSR's FEATURES

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

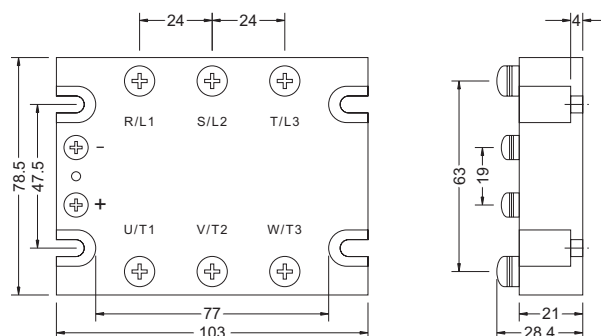
## TYPE SELECTION :

MODEL	TYPE	INPUT CONTROL VOLTAGE	MAX. LOAD CURRENT	LOAD VOLTAGE RANGE	SWITCHING TYPE	WEIGHT
ASR-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

## 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/μsec	250/500 V/μsec	250/500 V/μsec	500 V/μsec
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



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