

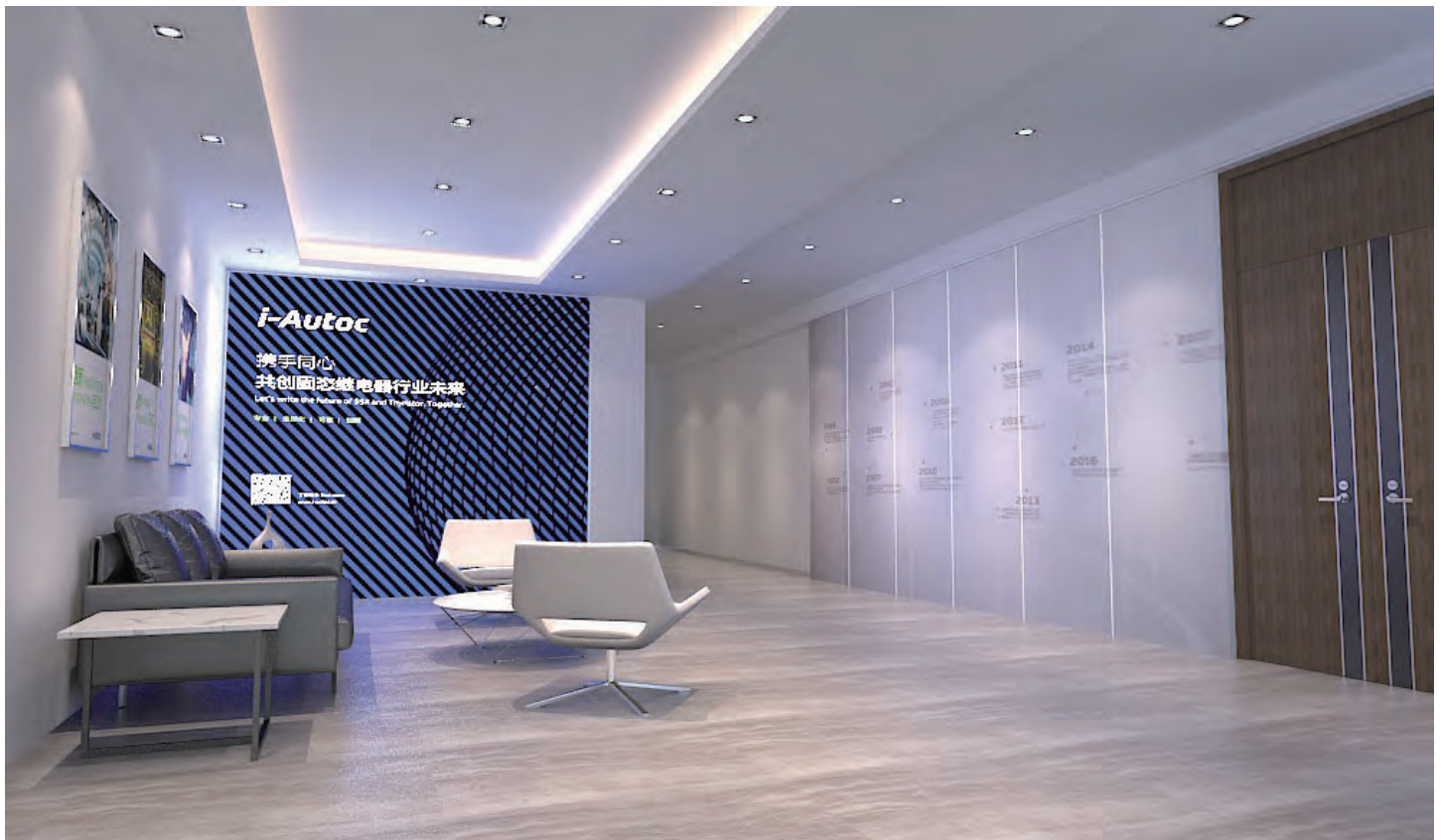
i-Autoc

Your Automation Partner



- Innovation
- Automation
- Unique
- Technology
- Optimization
- Commitment

Product Selection



About us

Kudom Electronics is a national high-tech enterprise which is in compliance with the intellectual property management system. The company is an ISO9001: 2015, ISO14001: 2015 & ISO45001: 2018 certified enterprise, and has a professional R&D team with more than 20 years of experiences in the product design and the manufacturing process.

Kudom Electronics has a product testing center with complete facilities for a wide range of performance and reliability tests. Kudom Electronics provides more than 50 categories, with over 3000 kinds of specifications of various types of power semiconductor switching products. Kudom Electronics was the first company that launched the intelligent switching products with self-detection, self-diagnosis, and networked functions in the industry. Our products are in compliance with IEC62314, IEC60947, IEC60335, IEC61000, UL508 and other international standards, and most of the products are certified by CE, TUV, UL, CCC, S-mark and other safety approvals. We also provide customized products.

Our advantages:

- ★ **Globalization:** Our distribution network covers more than 50 countries and territories, which enables us to provide professional technical support with quick responses to our customers.
- ★ **Professional:** We own more than 40 patents. We not only specialize in the manufacturing of standard & intellectual solid state relays, but also keep researching and developing the high performance Triac & SCR, which are the key components of solid state relays.
- ★ **Reliability:** Most of our products are approved by CE, TUV, UL, CCC and S-mark. We are the reliable cooperation partner with high quality products and services, and we are also available to provide customized products.
- ★ **Innovation:** Based on the fundamental technology of SSR's, we also offer the intellectual, high-efficient and customized products, such as motor reversing modules, voltage regulator modules, industrial modules, etc.



Product Selection

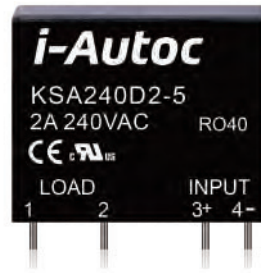
PCB Mount

AC Output

KSA	01
KSB	01
KSC	01
KSD	01
KSG	02
KSH	02
KSG3R	02
KSFA	02

DC Output

KSF	03
KSCD	03
KSGD	03
KG3RD	03
KSLE	04



Panel Mount

Single Phase | AC Output

KSIM	04
KSIM(045)	04
KSI	05
KSI(068)	05
KSI(083)	05
KSU	05
KSIA	06
KSID	06
KSN	06

Single Phase | DC Output

KSJ	06
KSJM	07

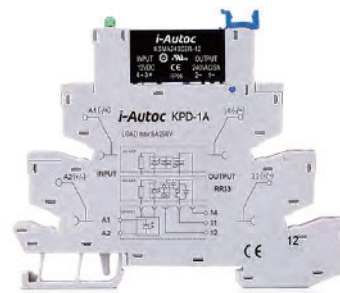
Three Phase | AC Output

KSQF	07
KSQC	07



DIN Rail Mount

KSG***D	08
KSMA***D	08
KSMD***D	08
KSG3R***D	08
KSO***D	09
KSOB***D	09
KSOD***D	09
KSODB***D	09



KSGD***D	10
KG3RD***D	10
KSK	10
KSV	11
KST	11

Industrial Module

DRA-1/KSD	12
DRA-2/KSD	12
DRA-4/KSD	12
DRA-8/KSD	12
DRA-1/KSF	13
DRA-2/KSF	13
DRA-4/KSF	13
DRA-8/KSF	13



Motor Reversing

KMGB	14
KMC	14
KMS	14
KSJD	15
KMTY	15
KMTYM	15



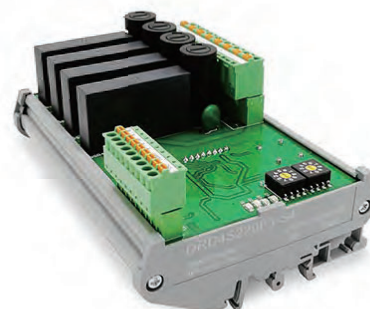
Voltage Regulator

KRB	16
KWR	16
KYR	16
KYRT	16
KRE	17



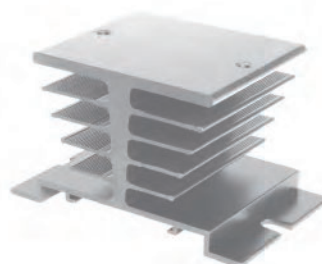
Intelligent Module

BCA	17
DRC	17
DRD	18
DRF	18
DRK	18
KSJQ	18



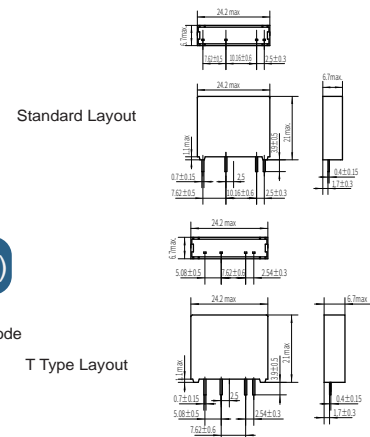
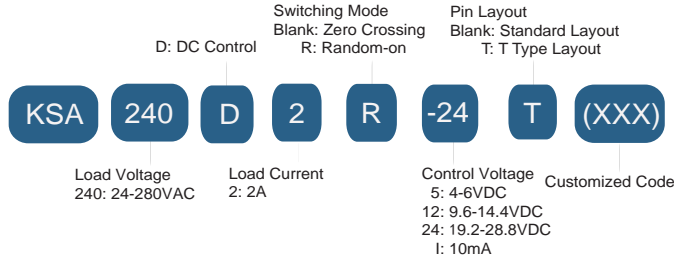
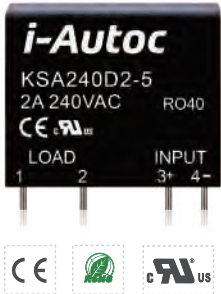
Accessories

KTA	19
Heat Sink	20-21
Thermal Pad	22
Din Rail Clip	22
Protection Cover	22
FAQ	23-25



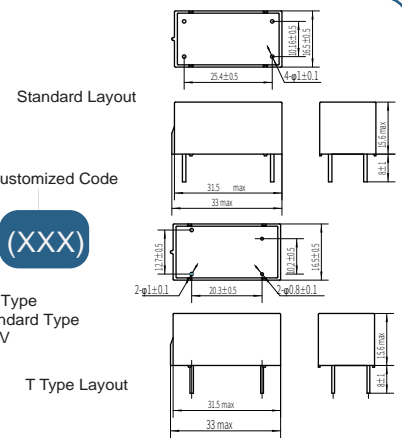
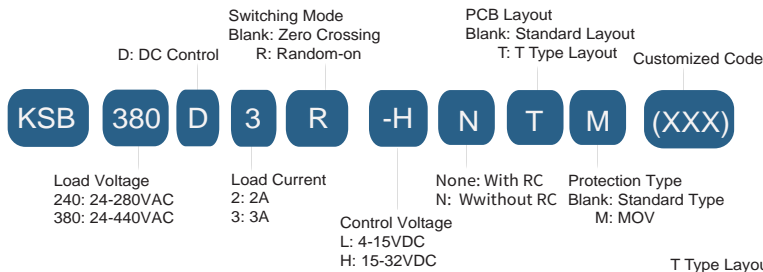
KSA Series AC Output

Output: AC Current Range: 2A



KSB Series AC Output

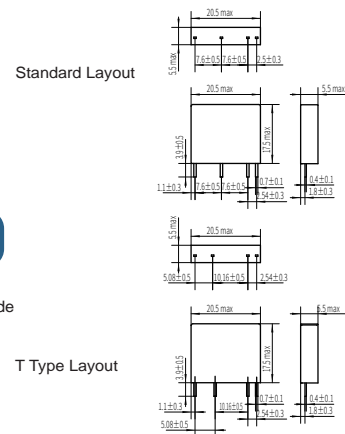
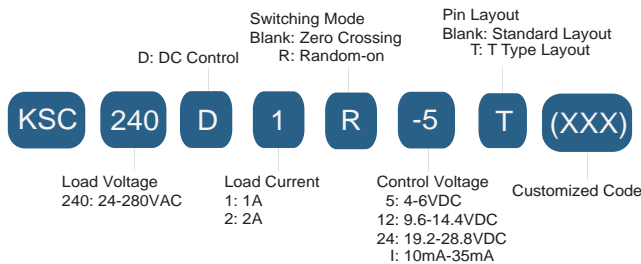
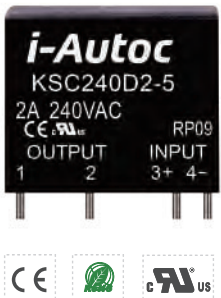
Output: AC Current Range: 2A - 3A



Note N or M has no UL.

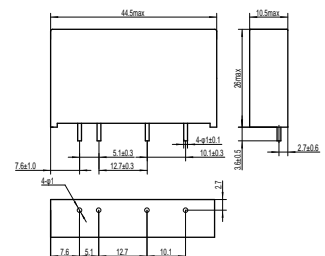
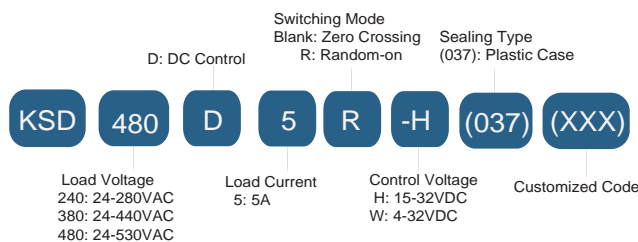
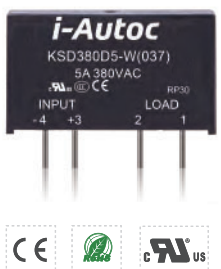
KSC Series AC Output

Output: AC Current Range: 1A - 2A



KSD Series AC Output

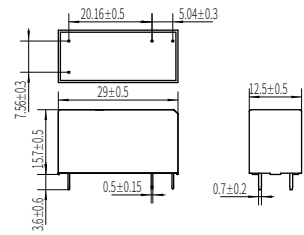
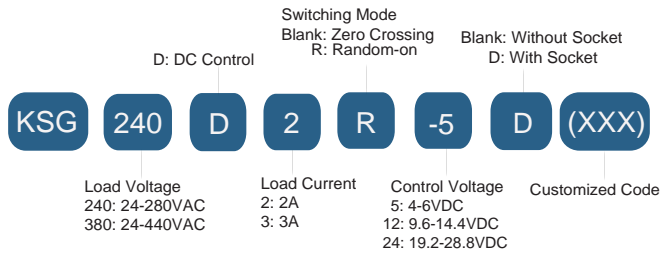
Output: AC Current Range: 5A



PCB Mount

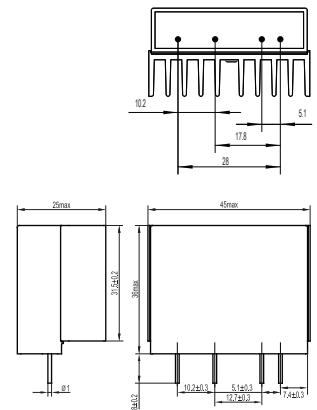
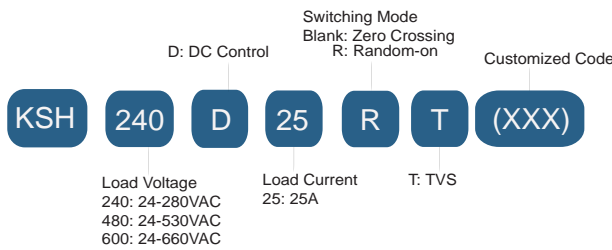
KSG Series AC Output

Output: AC Current Range: 2A-3A



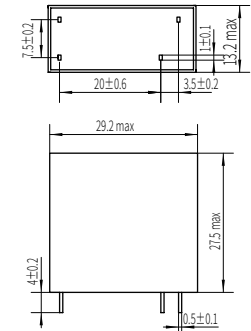
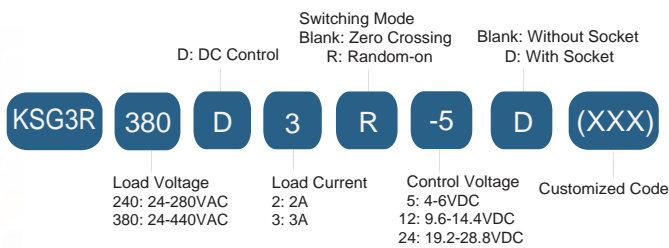
KSH Series AC Output

Output: AC Current Range: 25A



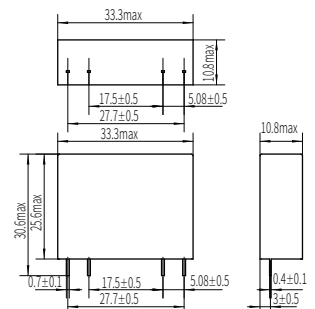
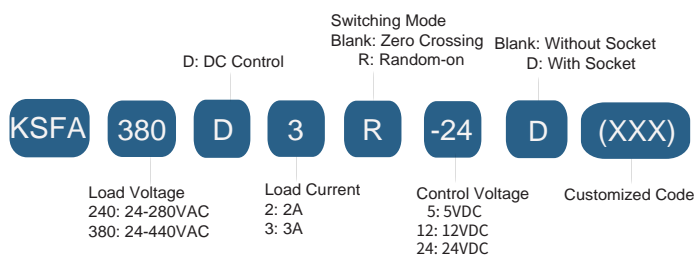
KSG3R Series AC Output

Output: AC Current Range: 2A-3A



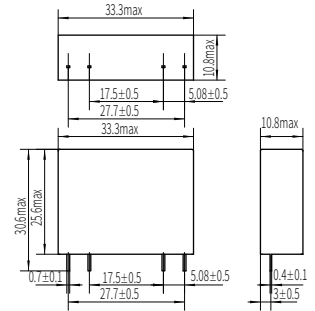
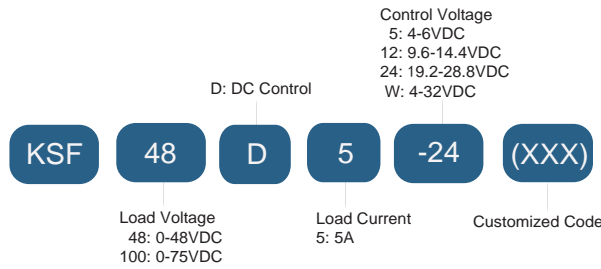
KSFA Series AC Output

Output: AC Current Range: 2A-3A



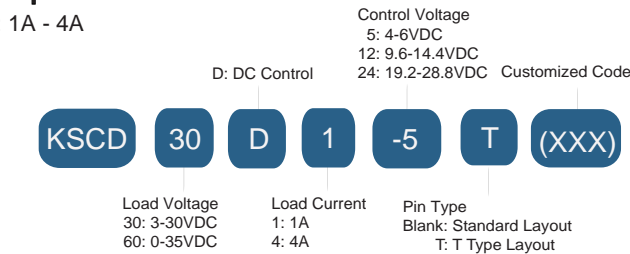
KSF Series DC Output

Output: DC Current Range: 5A



KSCD Series DC Output

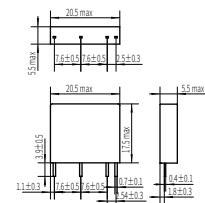
Output: DC Current Range: 1A - 4A



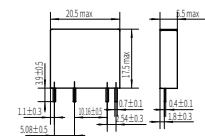
Models in detail

	1A	4A
5VDC	KSCD30D1-5(T)	KSCD60D4-5(T)
12VDC	KSCD30D1-12(T)	KSCD60D4-12(T)
24VDC	KSCD30D1-24(T)	KSCD60D4-24(T)

Standard Layout

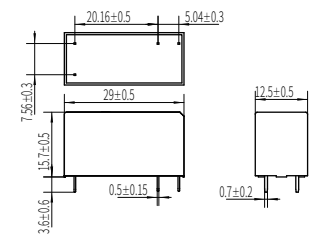
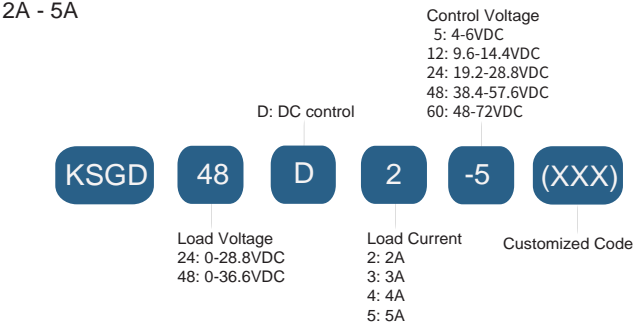


T Type Layout



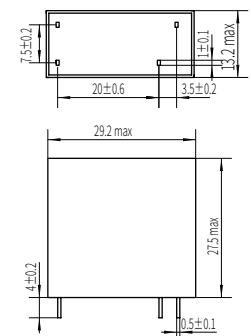
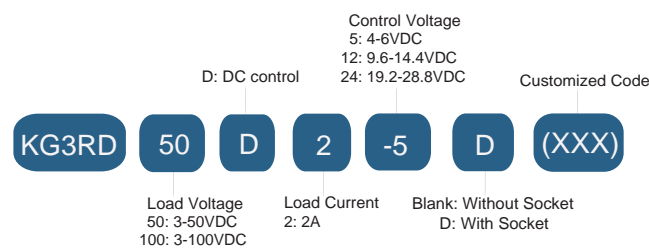
KSGD Series DC Output

Output: DC Current Range: 2A - 5A



KG3RD Series DC Output

Output: DC Current Range: 2A



PCB Mount

KSLE Series DC Output

Output: DC Current Range: 3A-20A



D: DC Control

Control Voltage
L: 3-10VDC
H: 10-28VDC

KSLE 60 D 20 -L (XXX)

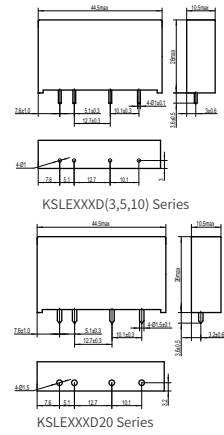
Load Voltage
60: 0-50VDC
100: 0-75VDC
200: 0-125VDC
400: 0-300VDC

Load Current
3: 3A
5: 5A
10: 10A
20: 20A

Customized Code

Models in detail

	3A	5A	10A	20A
L	KSLE60D3-L KSLE400D3-L	KSLE200D5-L	KSLE60D10-L KSLE100D10-L	KSLE60D20-L
H	KSLE60D3-H KSLE400D3-H	KSLE200D5-H	KSLE60D10-H KSLE100D10-H	KSLE60D20-H



Panel Mount

KSIM Series Mini Single Phase AC Output

Output: AC Current Range: 10A-25A



Control Voltage
D: 4-32VDC

Switching Mode
Blank: Zero Crossing
R: Random-on

Protection Type
Blank: Standard Type
M: MOV
T: TVS

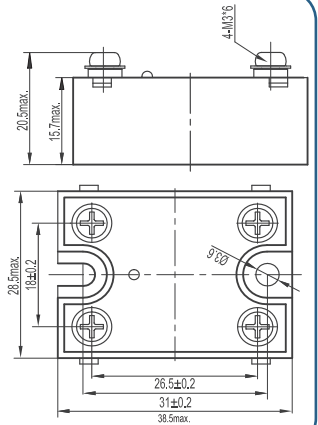
KSIM 380 D 25 R -L M (XXX)

Load Voltage
240: 24-280VAC
380: 24-440VAC

Load Current
10: 10A
16: 16A
25: 25A

L: LED

Customized Code



KSIM (045) Series Mini Single Phase AC Output

Output: AC Current Range: 10A-25A



Control Voltage
D: 4-32VDC

Switching Mode
Blank: Zero Crossing
R: Random-on

Quick-Connect
Terminal

Customized Code

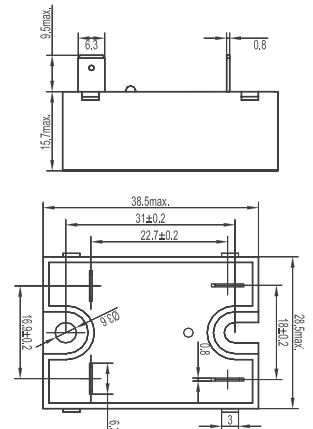
KSIM 240 D 25 R -L (045) M (XXX)

Load Voltage
240: 24-280VAC
380: 24-440VAC

Load Current
10: 10A
16: 16A
25: 25A

L: LED

Protection Type
Blank: Standard Type
M: MOV
T: TVS



KSI Series Single Phase AC Output

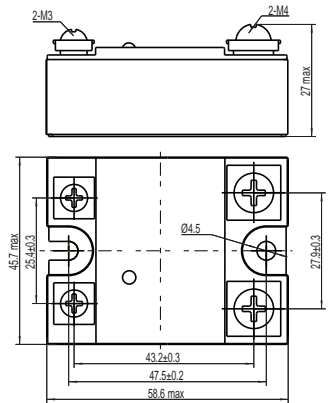
Output: AC Current Range: 25A-60A



Control Voltage A: 90-280VAC D: 4-32VDC	Switching Mode Blank: Zero Crossing R: Random-on	Protection Type Blank: Standard Type M: MOV T: TVS
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KSI 600 D 60 R -L M (XXX)

Load Voltage 240: 48-280VAC 480: 48-530VAC 600: 48-660VAC	Load Current 25: 25A 40: 40A 60: 60A	L: LED	Customized Code
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CE, RoHS, UL, CCC, TUV
 Note 1. No TUV for TVS type
 2. KSI240Dxxx Series Control Voltage Range: 3-32VDC or 4-32VDC (Optional)

KSI(068) Series Single Phase AC Output

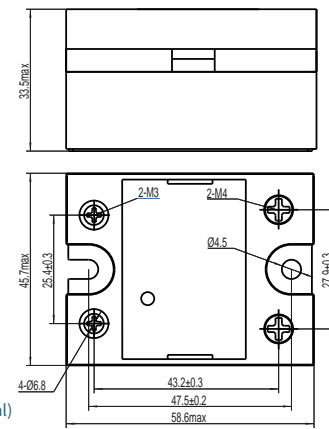
Output: AC Current Range: 25A-80A



Control Voltage A: 90-280VAC D: 4-32VDC	Switching Mode Blank: Zero Crossing R: Random-on	Protection Type Blank: Standard Type M: MOV T: TVS	Customized Code
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KSI 240 D 25 R -L M (068) (XXX)

Load Voltage 240: 48-280VAC 480: 48-530VAC 600: 48-660VAC	Load Current 25: 25A 40: 40A 60: 60A 80: 80A	L: LED	IP20 Cover
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CE, RoHS, UL, CCC, TUV
 Note 1. No TUV for TVS type
 2. KSI240Dxxx Series Control Voltage Range: 3-32VDC or 4-32VDC (Optional)

KSI(083) Series Single Phase AC Output

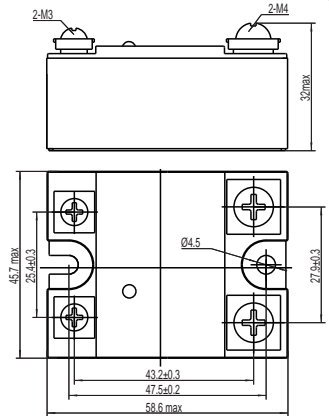
Output: AC Current Range: 80A-125A



Control Voltage A: 90-280VAC D: 4-32VDC	Switching Mode Blank: Zero Crossing R: Random-on	Protection Type Blank: Standard Type M: MOV T: TVS
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KSI 240 D 125 R -L M (083)

Load Voltage 240: 48-280VAC 480: 48-530VAC 600: 48-660VAC	Load Current 80: 80A 100: 100A 125: 125A	L: LED	083: Higher Profile
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CE, RoHS, UL, CCC, TUV
 Note 1. No TUV for TVS type; No TUV for 100A or 125A
 2. KSI240Dxxx Series Control Voltage Range: 3-32VDC or 4-32VDC (Optional)

KSU Series Single Phase AC Output

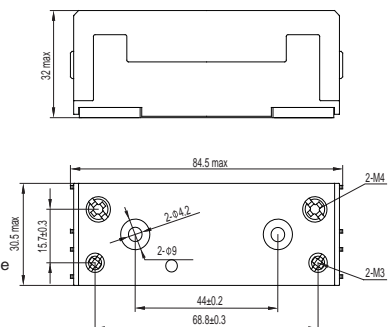
Output: AC Current Range: 30A-75A



Control Voltage A: 90-280VAC D: 4-32VDC	Switching Mode Blank: Zero Crossing R: Random-on	Protection Type Blank: Standard Type M: MOV T: TVS
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KSU 600 D 30 R -L M (XXX)

Load Voltage 600: 24-660VAC	Load Current 30: 30A 50: 50A 75: 75A	L: LED	Customized Code
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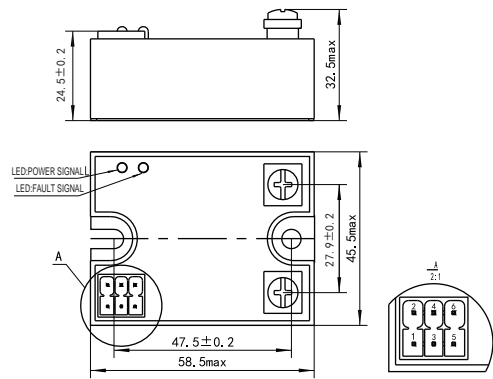
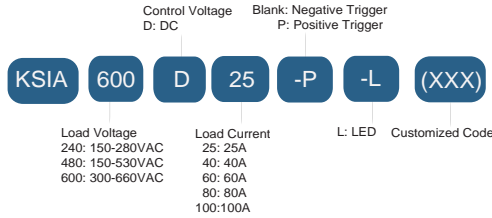


CE, RoHS, UL

Panel Mount

KSIA Series Single Phase AC Output

Output: AC **Current Range:** 25A-100A
Built in Function: SCR Short Circuit, Open Circuit and Error Self-Inspection



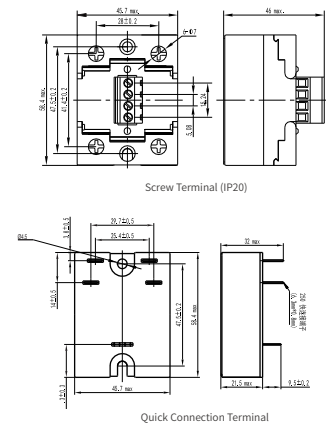
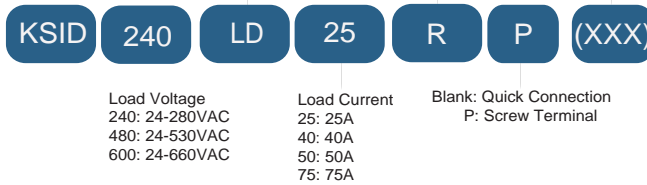
KSID Series Dual Pole AC Output

Output: AC **Current Range:** 25A-75A

Control Voltage
LD: 4-15VDC
HD: 15-32VDC
D: 4-32VDC

Switching Mode
Blank: Zero Crossing
R: Random-on

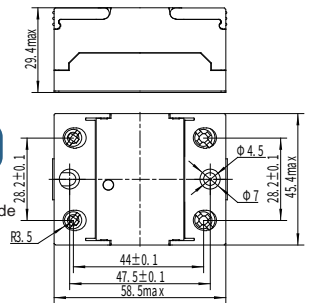
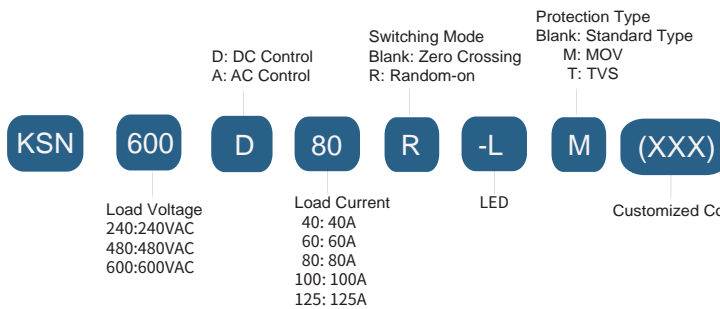
Customized Code



Note No TUV or S-mark for Quick Connection Terminal.

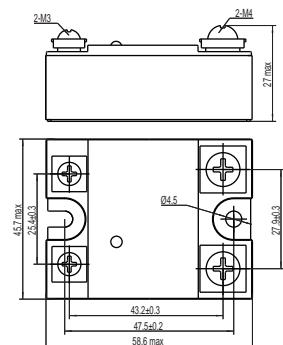
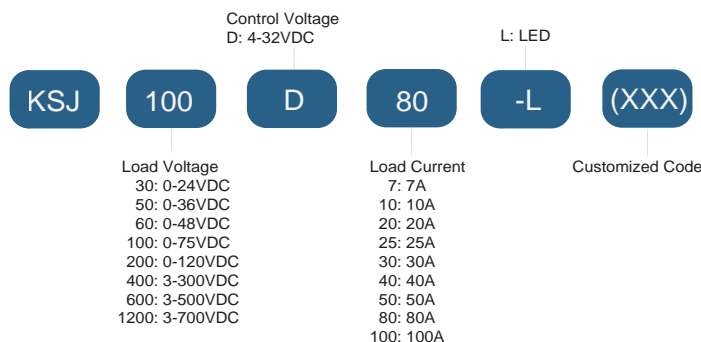
KSN Series AC Output

Output: AC **Current Range:** 40A-125A



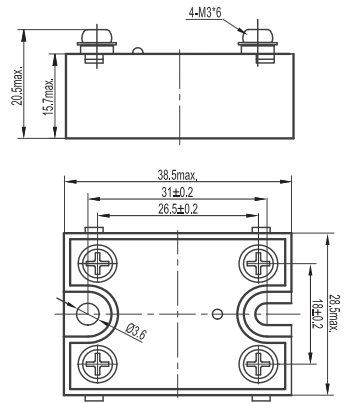
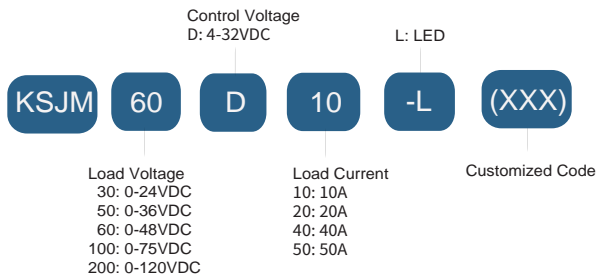
KSJ Series Single Phase DC Output

Output: DC **Current Range:** 7A-100A



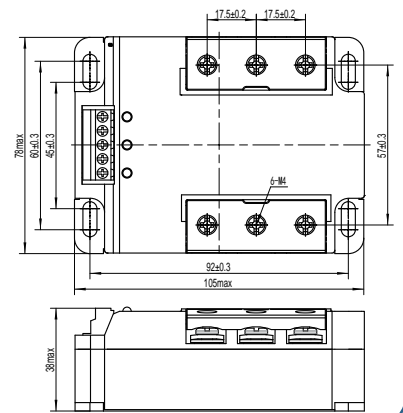
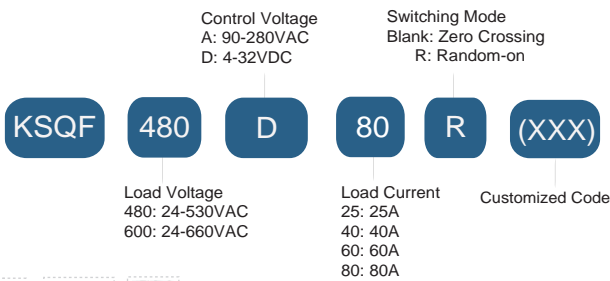
KSJM Mini Single Phase DC Output

Output: DC Current Range: 10A-50A



KSQF Series Three Phase AC Output

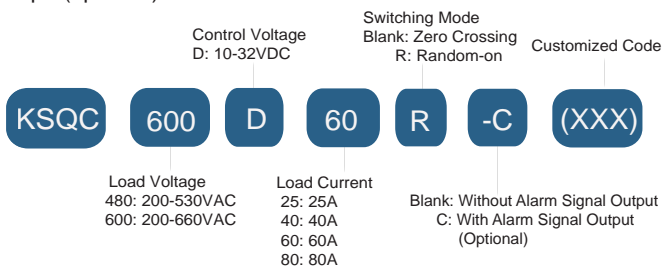
Output: AC Current Range: 25A-80A



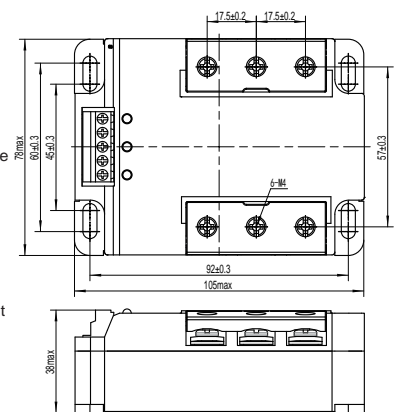
KSQC Series Three Phase AC Output

Output: AC Current Range: 25A-80A

Built in Function: Phase-loss Protection / Over Temperature Protection / SCR Fault Detection / Alarm Signal Output(optional)

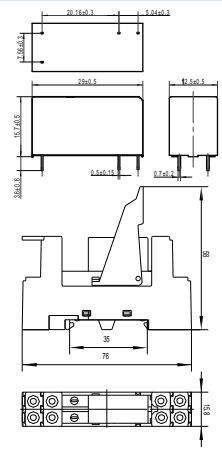
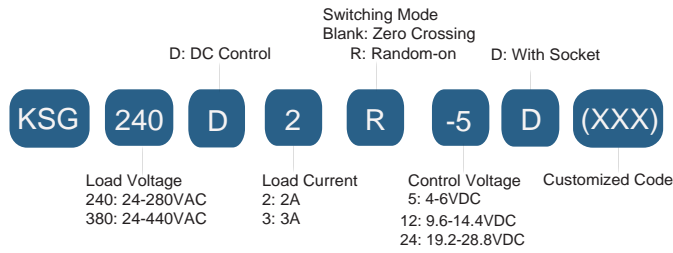


Note Only C: With Alarm Signal Output have TUV and S-Mark certification



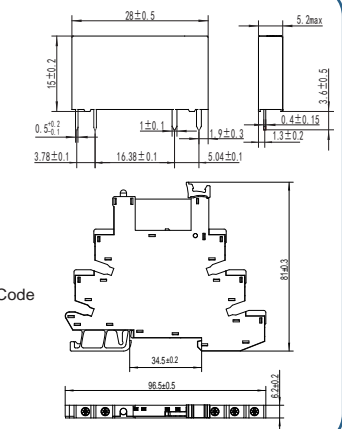
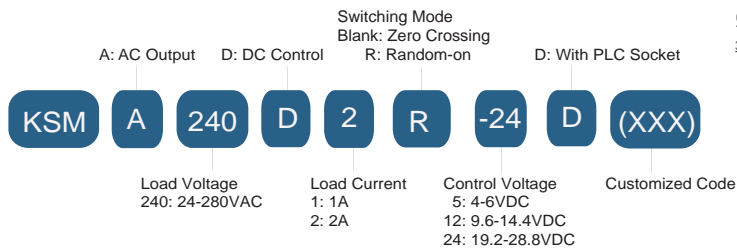
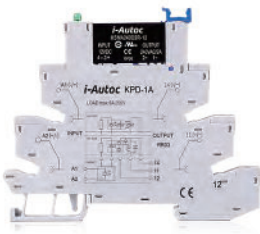
KSG***D Series AC Output

Output: AC Current Range: 2A - 3A



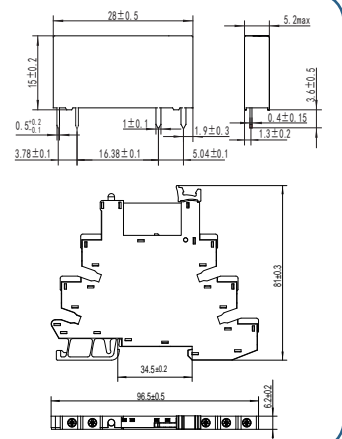
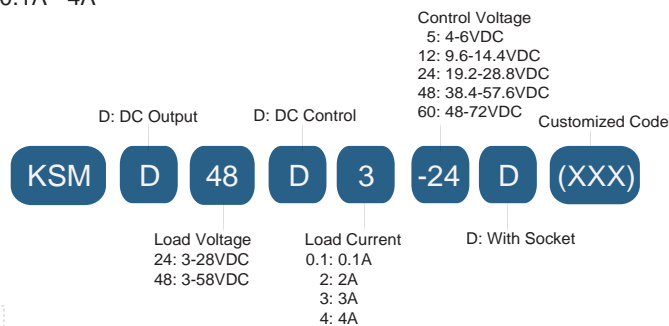
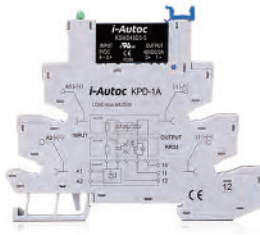
KSMA***D Series Single Phase AC Output

Output: AC Current Range: 1A - 2A



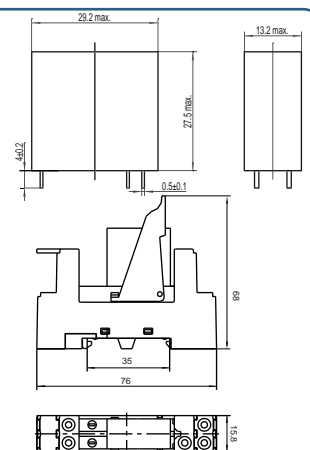
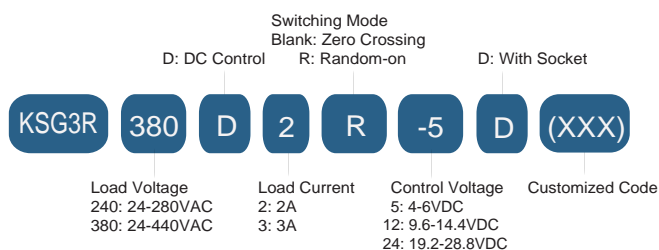
KSMD***D Series Single Phase DC Output

Output: DC Current Range: 0.1A - 4A



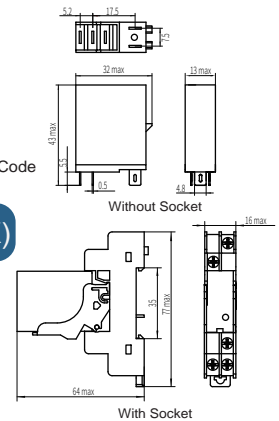
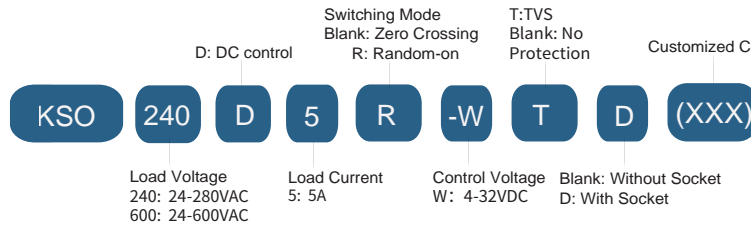
KSG3R***D Series AC Output

Output: AC Current Range: 2A - 3A



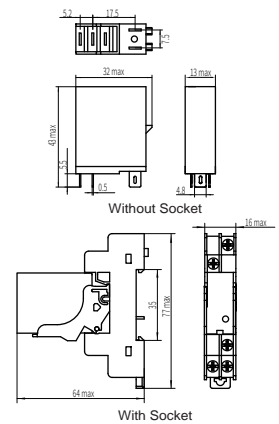
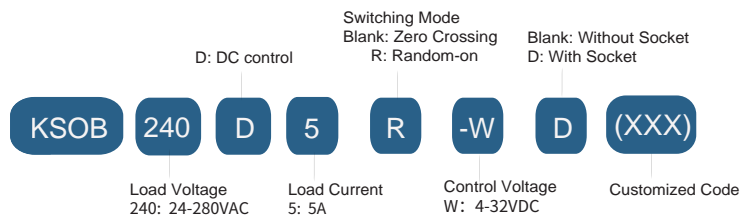
KSO Series AC Output

Output: AC Current Range: 5A



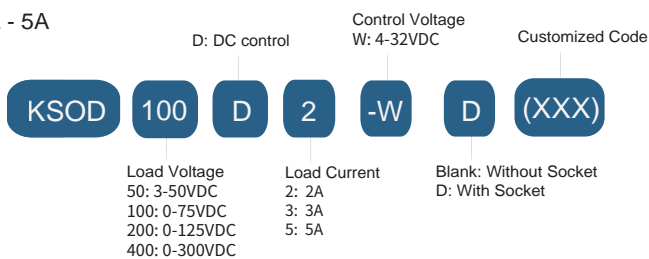
KSOB Series AC Output

Output: AC Current Range: 5A

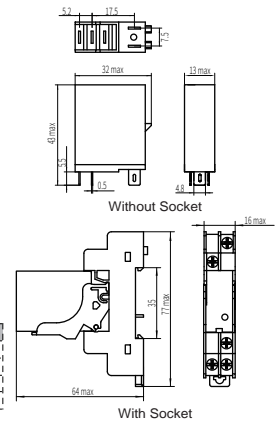


KSOD Series DC Output

Output: DC Current Range: 2A - 5A

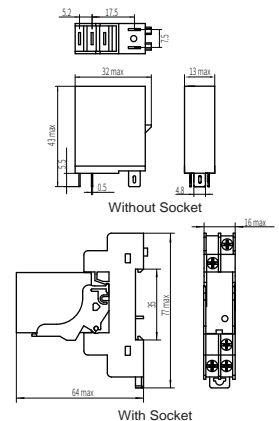
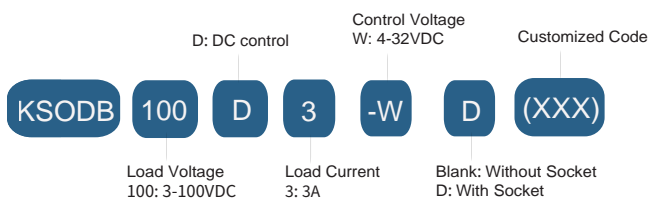


	2A	3A	5A
50VDC	KSOD50D2-W(D)		
100VDC		KSOD100D3-W(D)	KSOD100D5-W(D)
200VDC			KSOD200D5-W(D)
400VDC		KSOD400D3-W(D)	



KSODB Series DC Output

Output: DC Current Range: 3A



Din-Rail Mount

KSGD***D Series DC Output

Output: DC Current Range: 2A - 5A



Control Voltage
5: 4-6VDC
12: 9.6-14.4VDC
24: 19.2-28.8VDC
48: 38.4-57.6VDC
60: 48-72VDC

D: DC control

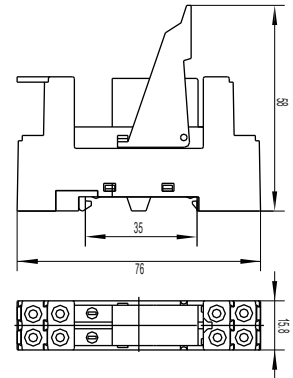
Customized Code

KSGD 48 D 2 -5 D (XXX)

Load Voltage
24: 0-28.8VDC
48: 0-36VDC

Load Current
2: 2A
3: 3A
4: 4A
5: 5A

D: With Socket



KG3RD***D Series DC Output

Output: DC Current Range: 2A



Control Voltage
5: 4-6VDC
12: 9.6-14.4VDC
24: 19.2-28.8VDC

D: DC Control

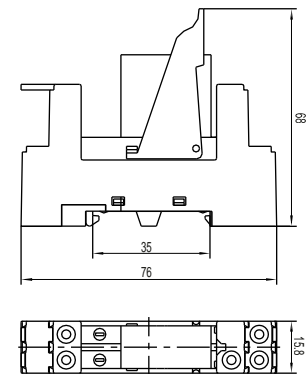
Customized Code

KG3RD 50 D 2 -5 D (XXX)

Load Voltage
50: 3-50VDC
100: 3-100VDC

Load Current
2: 2A

D: With Socket



KSK Series AC Output

Output: AC Current Range: 15A-75A



Control Voltage
D: DC Control
E: AC 24V Control

Switching Mode
Blank: Zero Crossing
R: Random-on

Customized Code

Fan
Blank: Without Fan
F24DC: With 24VDC fan for KHS-193 or KHS-J93 Heatsink

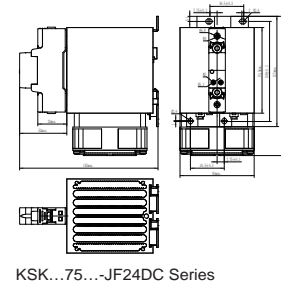
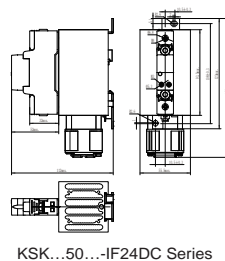
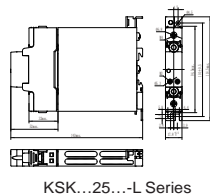
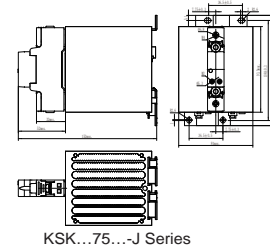
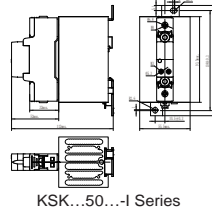
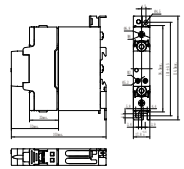
KSK 240 D 25 R -M (XXX) -K F24DC

Load Voltage
240: 240VAC
480: 480VAC
600: 600VAC

Load Current
15: 15A
25: 25A
50: 50A
75: 75A

Protection Type
Blank: Standard Type
M: MOV
T: TVS

Heatsink
K: KHS-K90 Heatsink
L: KHS-L90 Heatsink
I: KHS-I93 Heatsink
J: KHS-J93 Heatsink



KSV Series Single Phase AC Output

Output: AC Current Range: 10A - 75A



A: AC Control
D: DC Control

Switching Mode
Blank: Zero Crossing
R: Random-on

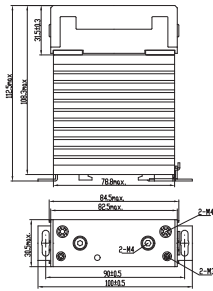
Customized Code

KSV 480 D 20 R -L M (XXX)

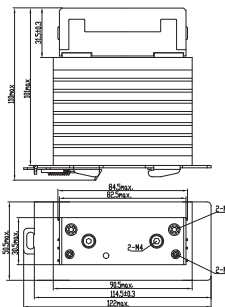
Load Voltage
240: 24-280VAC
480: 24-530VAC
600: 24-660VAC

Load Current
10: 10A
20: 20A
30: 30A
40: 40A
50: 50A
75: 75A

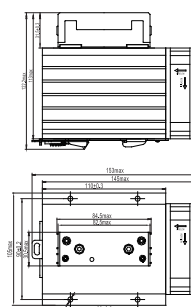
L: LED
M:MOV
T:TVS
Blank: No Protection (Optional)



10A-30A



40A



50A/75A

KST Series Dual pole AC Output

Output: AC Current Range: 10A-30A



D:DC Control

Switching Mode
Blank: Zero Crossing
R: Random-on

M:MOV
T:TVS
Blank: No Protection (Optional)

Heatsink Type
Blank: KHS-H90 Series
S: KHS-P90 Series

KST 480 D 20 R -L M H S (XXX)

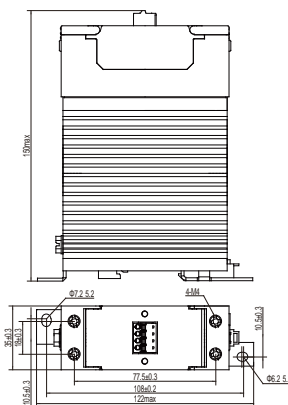
Load Voltage
240: 24-240VAC
480: 24-530VAC
600: 24-660VAC

Load Current
10: 10Amp
20: 20Amp
30: 30Amp

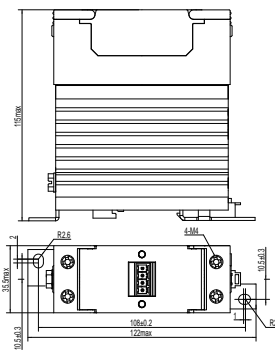
L:LED

Control Type
H: Two Channels Single Control
Blank: Two Channels Dual Control

Customized Code



With KHS-H90 Heatsink



With KHS-P90 Heatsink

