



積順企業有限公司

ZUNG SUNG ENTERPRISE CO.,LTD

www.zungsung.com

FLASHER RELAYS
AUTO ELECTRICAL PARTS

NEW PRODUCT

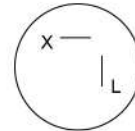
FLASHER RELAY



G552L-BUZ TAIWAN & USA PATENTED

2P 5-15V FOR LED & BUZZER

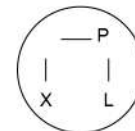
- Long Life
- Heat Dissipation
- Tick Sound
- Small



G550L-BUZ TAIWAN & USA PATENTED

3P 5-15V FOR LED & BUZZER

- Long Life
- Heat Dissipation
- Tick Sound
- Small



LM-FLABS-01 Hazard lights flash rapidly to warn vehicles behind

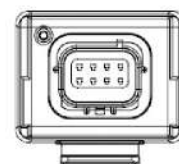
The Hazard flashes at 85 counts/minute, while ESS flashes at about 220 counts/minute

Rated Voltage : 11 to 15Volts DC

Pin count : 8Pin

Output Range : 1W-100W

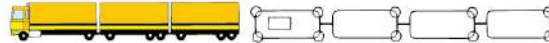
Lamps : 2-4 /25w Lamps (LED Compatible)



FLASHER UNIT

we can flashers from 0.02A current to large current, and from DC 3V to DC24, and design flashing frequency and flashing type depending on customer's special needs.

HEAVY DUTY MAX 10 LAMPS



AF-12
12V2P



AF-22
24V2P



AF-13
12V3P



AF-23
24V3P

- **MAX 8 LAMP**
MAGNETIC TYPE NON-POLA



BF-12
12V2P



BF-22
24V2P



BF-13
12V3P



BF-23
24V3P

- **MAX 12 LAMP**
P.C BOARD IC TYPE

INTERNATIONAL FLASHER CONNECTIONS-CROSS REFERENCE

Connections	Canada USA-GB	Fance			Germany			Italy	Other			Japan	
Battery	X	+	+	1	+49	+49	+15	+15X	+	H	B	15	B
Signal Lamp	L	C	COM	2	49a	S	S54	54L	L	49S	O	3	L
Pilot	P	R	REP	5	C			KP		T	KBL	CL	P
Ground	Ground	Masse			-31 or 31							Σ	E

FLASHER UNIT

ELECTRONIC FLASHER WITH BULB FAILURE WARNING

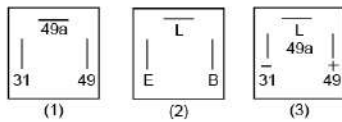


When the blinker is normal, the flasher will flash 85 times per minute. If the blinker bulb is burnt, the flashing speed will increase to 170 times per minute to remind the driver to change the blinker bulb for a new one. If the driver is not aware of the bulb burnt, the car behind him might make a wrong judgment, and causes an accident.



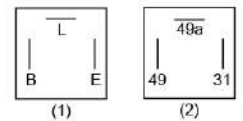
CF-13G

12V 2(4)X21W+5W



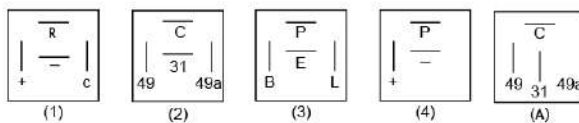
CF-13J

12V 2(4)X21W+5W



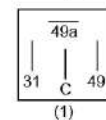
CF-14F

12V 2(4)X21W+4W



CF-14G

12V 2(4)X21W+5W



DF-13

12V-23WX2+5W



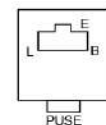
DF-13MAZ

12V-23WX2+5W



FF-13

25W MAX 30 bulbs
WITH 30A FUSE





THERMO-COUPLER-TYPE FOR CAR&MOTORCLE FLASHER

B TYPE



552W
12V 21W)X2+5W
(THERMO-COUPLE TYPE)

Flasher keeps on lighting up to warn the driver when the blinker bulb is burnt.



G302W
12V 21W)X2+5W
(THERMO-COUPLE TYPE)

Flasher keeps on lighting up to warn the driver when the blinker bulb is burnt.



552
6V.12V 24V



536
6V.12V 24V



550
6V.12V 24V



G301
6V.12V 24V



G302
6V.12V 24V



G304
6V.12V 24V



G305
6V.12V 24V



G211
6V.12V



G211A
6V.12V



G210
6V.12V



GF213B
6V.12V



GF209
6V.12V



GF216
6V.12V

P TYPE

We assemble this type flasher by special material and manufacture by automatic machine.



Q552
12V.2P



550S2-P2-1
12V



550L2-P-1
12V



G2054-PRB
24V.2P



550S2-P2
12V.3P



5522-P1
12V.2P



550L2-P1
12V.3P

FOR TRAILER SYSTEM

Heavy Duty Electronic, will flash 2.3.4 or 6 bulbs and side repeater.



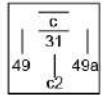
CF-14GA

12V
(2+1)x21W
6x21W



CF-15GA

12V
(2+1)x21W
6x21W



ALTERNATING FLASHER

For Ambulance & Police Vehicle 15 Amps Capacity each side.

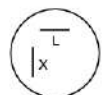


CF-2L

12V
15Ax2



AF-12-BUZ



IC TYPE-WITHOUT GROUND TERMINAL



CF-12AN

12V
21-23W MAX 6 BULBS



CF-13AN

12V
21-23W MAX 6 BULBS





LIGHTING CONTROL MODULE

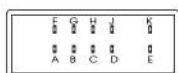
The Lighting Control Module is a device that controls the different lighting systems on your vehicle including the headlight assembly, tail-light assembly, turning lamps, and fog-lights.

The module provides a central microprocessor-based device from where all the lighting functions in your automobile can be controlled.



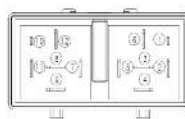
LM455

12V 25W 2/6LAMPS MAX 6 LAMP



LM463

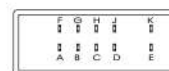
12V 25W 2/6LAMPS MAX 6 LAMP



LM487

12V 25W 2/6LAMPS MAX 6 LAMP

Brake Lamp control(LED Lamp)



LM-DS46W-02

FLASHER MODULE

12V



LM-DS46W-01

FLASHER MODULE

12V



LM-DS66W-01

FLASHER MODULE

12V

FLASHER SOLID STATE TYPE



WF-SD-01

FLASHER SOLID STATE

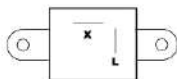
12V 25W

ELECTRONIC FLASHER



WF-128

12v
21-23W MAX 8 LAMPS



CF-28

12v
21-23W 2/4 LAMPS



81980-22070

12v
23W*2+5W



81980-22060

12v
23W*2+5W



CF-EF45

12v
21-23W MAX 20 LAMPS



CF-29

12v
21-23W 3/6 LAMPS



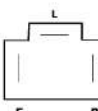
CF-14F-4

12V 42-92W



81980-12070

12v 23W*2+(0-8)W



CF13JS-FJ

12V 2(4)*21W+5W



EF28

12V
25W 2/4LAMPS
MAX 6 LAMP



EF34

12V
25W 2/4LAMPS MAX
6 LAMP



EF35

12V
25W 2/4LAMPS MAX
6 LAMPz



EF36

12V
25W 3/6LAMPS MAX
6 LAMP



EF29

12V
25W 3/6LAMPS MAX
6 LAMP



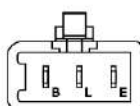


LED FLASHER RELAY FIX TURN SIGNAL HYPER FAST BLINK FLASH



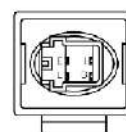
LF1-64-CU-1

12V 1W-100W



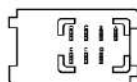
LF1-1J-02

12V 0.05A-10A

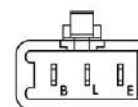


LF1-1J-01-0311

12V 0.05A-10A

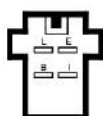


LF1-S-3W-6V
LF1-S-3W-12V



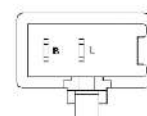
LF1-TW

12V 1W-100W



LF1-STW

12V 1W-100W



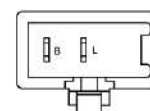
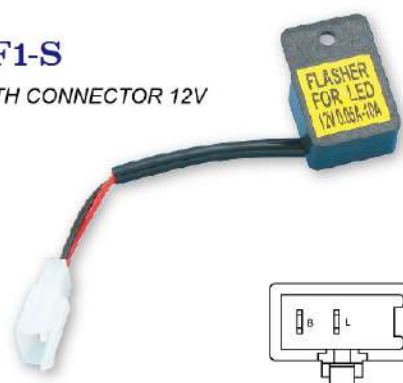
LF1-S-PIN

12V 0.05A-10A



LF1-S

WITH CONNECTOR 12V

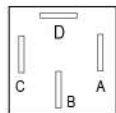


LED FLASHER RELAY FIX TURN SIGNAL HYPER FAST BLINK FLASH

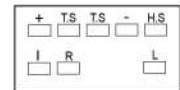


CF24G1

Rated Load: Max.12Amps at 24VDC



CF18-ALT



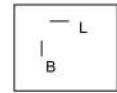
LF2-01

WITHOUT GROUND
THREMINAL



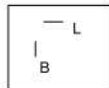
LF12JN-01

12V2P 20mA-7amp



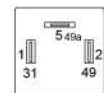
LF48JN-01

48V2P 2W MAX.10W



CF-13GL-03

LED FLASHER
WITH DIAGNOSTIC
12V 80ma*2 Max. 10W



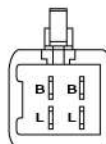
BULB OUT WARNING

FOR ELECTRONIC BIKE



G215-XU

24V,12V



G215-EB

12V,24V



LF1-C-3W

WITH BUZZER 12V



LED FLASHER RELAY FIX TURN SIGNAL HYPER FAST BLINK FLASH



CF-13GL-02

European
12V3P



CF-13JL-02

Japan
12V3P



CF-13JL-02-120

120 C/M



CF-27-L

ALTERNATING
FLASHER



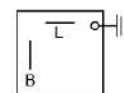
CF12ANL-01

WITHOUT GROUND
THERMINAL



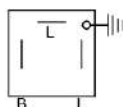
CF-12AN-L

12V2P WITH GROUND



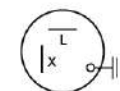
CF2L-L

ALTERNATING
FLASHER



CF-12ANL-R

12V2P WITH GROUND



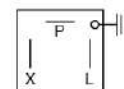
CF-13ANL-R

12V3P WITH GROUND



CF-13AN-L

12V3P WITH GROUND



SOCKET



AR401SB (BLACK)
18Gx15cmx2
+16Gx15cmx2(4wire)

AR502SB (BLACK)
18Gx15cmx2
+16Gx15cmx3(5wire)



AR502SY (YELLOW)
18Gx15cmx2
+16Gx15cmx3(5wire)

AR401SY (YELLOW)
18Gx15cmx2
+16Gx15cmx2(4wire)



AR301SB
18Gx15cmx1
+16Gx15cmx2



AR501T
5Pin



AR-SB
5PIN



AR502L
5PIN



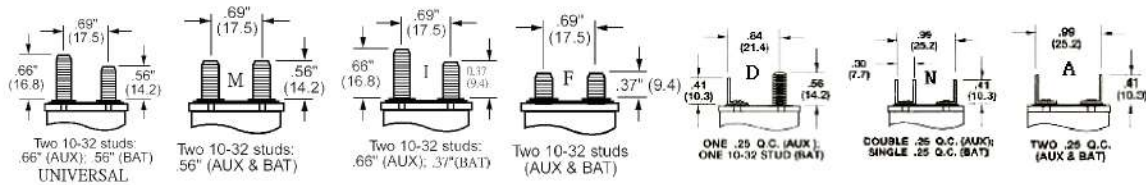
AR-SY
5PIN



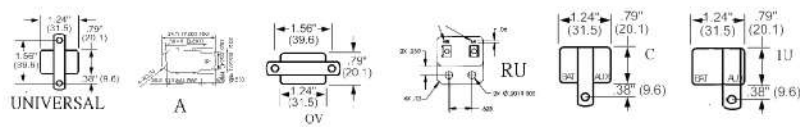
CIRCUIT BREAKER TYPE

AUTOMATIC RESET TYPE

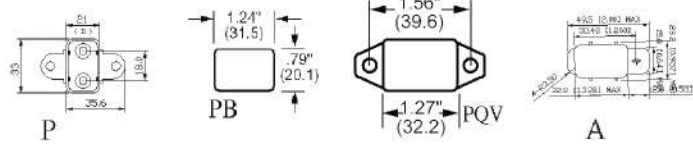
TERMINAL



METAL CASE



PLASTIC CASE



CB-30
8A-40A



CB-30QV
8A-40A



CB-301U
8A-40A



CB-M30B
8A-40A



CB-A30C
8A-40A



CB-A30B
8A-40A



CBU2-30
8A-40A



CBU1-30
8A-40A



CB-30-P
8A-40A



CB-30PQV
8A-40A



CB-E30A
8A-40A



CB-D30A
8A-40A



CB-N30A
8A-40A

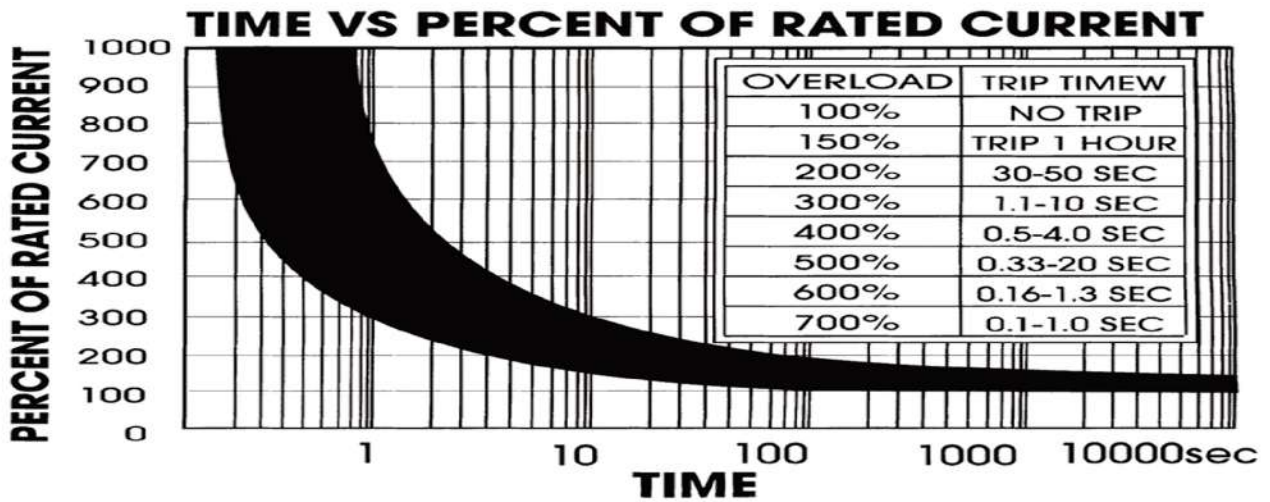


CBX-90
70A-90A

CIRCUIT BREAKER

Automotive reset provides protection in installation where it is not possible to manually reset breaker because of location or safety requirement. Used in DC applications, automotive, RV, air conditioners, battery charge, machine tool any application requiring over current protection.

The trip time can be made according to customer's request



CIRCUIT BREAKER TYPE

MODIFIED RESET TYPE



CBU12-30
8A-40A



CBU22-30
8A-40A



CBW2-20
8A-40A



CB-15RB-P
8A-40A



CBT1-20
8A-40A



CBT2-20
8A-40A



CBT3-10
8A-40A



MINIATURE RELAY



ARS-41	1From A	ARS-52	1From C
ARS-41DP	1From A With diode 1+	ARS-52DP	1From C With diode 1+
ARS-41DN	1From A With diode 2+	ARS-52DN	1From C With diode 2+
ARS-41R	1From A With resistor	ARS52R	1From C With resistor

RELAY



28300-16010



90987-04002



90987-02006



DR4112



DR4114



DR4012



DR4014



RY-01003
12V 3P



RY-02004
12V 4P



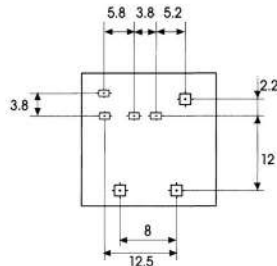
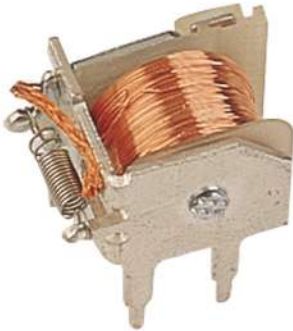
RY-03001
12V 4P



HY-410-2X
12V

PC RELAY

PRINTED-CIRCUIT BOARD RELAY MAX 30AMP



BR-401

- applications:*
- singal flasher*
 - wiper operation*
 - (intermitten)*
 - power antenna opertion*
 - power window opertion*
 - auto speed control*
 - electronic circuit out put*
 - car alarm*



BR-502S-A

MINI RELAY

SPECIAL FEATURES



Inner View

AR-401

1. Leaf spring high-grade bronze withstands long switching operation.
2. Hard-silver contact: minimum voltage drop, peak-load.
3. Copper wire, with heat-resistant insulation. The reliable switching even at high temperature.
4. Relay bright-i.e. corrosion-protected.
5. Copper braided wire.
6. Base made of polybutylene terephthalate, rigid with leadage current barriers, saltwater-proof and refeactory.



MINI RELAY

1FORM A (SPNO)



AR-401
UNIVERSAL
12V 30A . 24V 20A



AR-401-40A
UNIVERSAL
12V 40A . 24V 25A



AR-401DP
DIODE ON
12V 30A . 24V 20A



AR-401R
W/RISITOR
12V . 30A
12V 40A . 24V 20A



AR-401C
NO BRACKET
12V 30A . 24V 15A



AR-401D
DOUBLE RELAY
12V 20A*2
24V 10A*2



AR-401F
12V 30A . 24V 20A



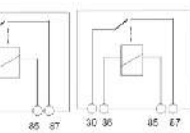
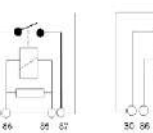
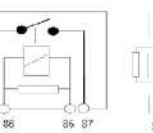
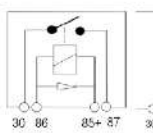
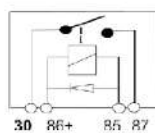
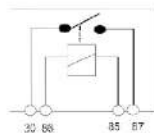
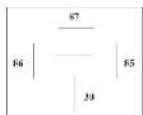
ARL-1270
12V 70A
24V 40A



ARL-1270-PC
12V 70A . 24V 40A



AR-401-PC
12V 30A . 12V 40A
24V 15A . 24V 20A



MINI RELAY

1FORM C (SPNO)



AR-502 30A
12V 20A/30A
24V 10A/20A



AR-502 40A
12V 30A/40A
24V 15A/25A



AR-502DP
DIODE ON 86+
12V 20A/30A
24V 10A/20A



AR-502DN
DIODE ON 85+
12V 20A/30A
24V 10A/20A



AR-502R
12V 20A/30A
24V 10A/20A



AR-502-C
12V 20A/30A
24V 10A/20A



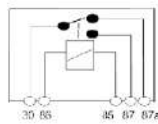
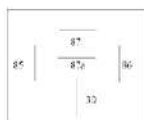
AR-502DP-C
DIODE ON 86+
12V 20A/30A
24V 10A/20A



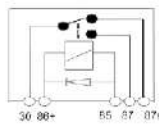
AR-502DN-C
DIODE ON 85+
12V 20A/30A
24V 10A/20A



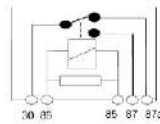
AR-502R-C
12V 20A/30A
24V 10A/20A



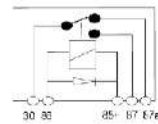
UNIVERSAL TYPE



DP TYPE
Diode on 86+



R TYPE
With resistor



DN TYPE
Diode on 85+

MINI RELAY

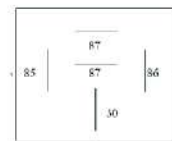
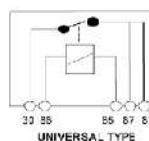


AR501



AR501C

1 FORM A (SPNO)



1 FORM 2A (SPDM)

AR501C-2A

Single pole normally open with double contact.

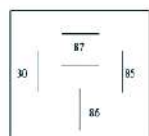
MINI RELAY H TYPE



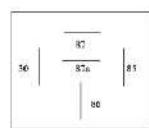
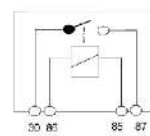
ARH-401
12V 30A. 24V 20A



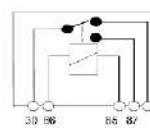
ARH-502
12V 20A/30A
24V 10A/20A



ARH401



ARH502



SOLENOID STARTER SWITCH



SWWB-12
12V-100AMP



SWW-12
12V-100A



SW-3B
12V-80A



SW-3
12V-80A



SW-3-BT
12V-80A



SWXR-12-1
12V-60A



SS-801
12V-60A



SS-802
12V-60A



SS-804
12V W/2+30A FUSE

OTHER



FOR GAS CONMUTAFORE CAR

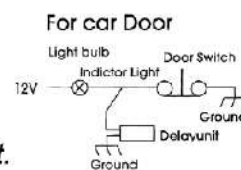
RY-DEL-G



DELAY RELAY

RY-DEL-15

Any kind delay can made according to customer's request.

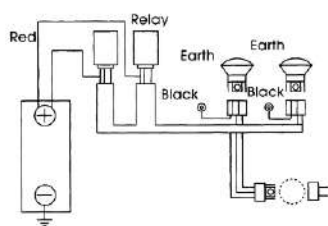


RELAY WIRING KIT



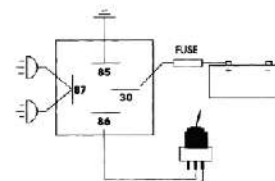
RWK-01

H4 Halogen Head Lamp 100/90 kit



RWK-02-401

For Fog Lamp



OTHER



RESISTOR

(1.6 Ω)

R-1

R-1A



For trick the car computer

R-50W6

LED RESISTOR-

connected across the turn signal bulbs to simulate the load of a regular filament bulb. One resistor is required for each turn signal bulb.

The resistor able working with the specification for customer's request

In current :

- 50W8Ω 25W6Ω 10W3Ω
- 50W10Ω 25W6.8Ω 10W7.5Ω
- 50W12Ω 25W8.2Ω
- 50W24Ω 25W24Ω
- 50W30Ω 25W25Ω
- 50W8Ω



WIPER CONTROL



24V 4P

R-WP-CTRL

Equipment

We specialize in car/motorcycle flashers, circuit breakers, resistors, start relays, etc...
Our product range covers direct current voltage, high overload products and time-delay controller. "Short, small, light and thin" are the current trend of car electric items. With more than 30 years of manufacturing experience and the modern equipment, we have ability to produce, design and improve the products to meet customer's need.

A. Printing Machine

B. Automatic Coil Winding Machine

C. Automatic soldering Machine

D. Automated Dispensing Robots



ISO 9001 2015



CERTIFICATE



This is to certify that

ZUNG SUNG ENTERPRISE CO., LTD.
No. 26, Lane 132, Sec. 1, Chung Hsing Rd., Shao An Li
Ho Mei Town, Chang Hua Hsien
Taiwan

has implemented and maintains a **Quality Management System**.

Scope:
DESIGN AND MANUFACTURE OF FLASH RELAYS, RELAYS, CIRCUIT BREAKERS, BODY ELECTRICAL PARTS AND JUMP-STARTER FOR VEHICLE AND MOTORCYCLE USE.

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2015

Certificate registration no.	50800207 QM15
Date of revision	2022-02-07
Date of certification	2022-02-10
Valid until	2025-02-09



DQS Inc.
Brad McGuire
Brad McGuire
Managing Director

Accredited Body: DQS Inc., 1500 McConnor Parkway, Suite 400, Schaumburg, IL 60173 USA
Administrative Office: DQS Taiwan Inc., 8F, 23, Yuan Huan West Road, Feng Yuan Dist., Taichung City, Taiwan 420



本公司專業製造汽機車用電產品，諸如：閃光器、斷路器、電阻器、起動繼電器...等，凡是直流電壓，高負載，時間間歇控制的產品都是我們製產範圍。短、小、輕、薄是目前電器的趨勢，以本公司超過30年經驗及硬體設備配合，本公司有能力來承製產品範圍內的新設計及產品結構的改良，歡迎各界指教。

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