

7

RELAYS, FLASHER UNITS & RELAY HOLDERS



RELAYS | TIMER | WARNING RELAYS
SPECIAL APPLICATION RELAYS
RELAY HOLDERS
FLASHER | HAZARD WARNING UNITS
LED FLASHER UNITS

184-187
188
188
191-194
194

RELAYS, FLASHER UNITS & RELAY HOLDERS

RELAY CROSS REFERENCE

GUARDIAN	BOSCH	DURITE	FISTER	HELLA	LUCAS	WIPAC
GR1	0332 114 119	0.727.12	HW 549	4RA003510111	SRB 520	20 200 100
	-	-	-	4RA003510117	-	-
GR2	-	0.727.24	HW 576	4RA003510057	SRB 530	20 400 100
GR3	0332 014 150	0.727.32	HW 577	4RA003510131	SRB 528	20 207 100
	0332 014 151	-	-	4RA003510137	-	-
	0332 014 801	-	-	4RA003510261	-	-
	-	-	-	4RA003510267	-	-
GR4	0332 015 002	0.727.44	HW 578	-	SRB 531	20 403 100
	0332 015 008	-	-	-	-	-
GR5F	-	0.726.12	HW 546	4RA003510181	-	20 200 002
	-	-	-	4RA003510182	-	-
	-	-	-	4RA003510187	-	-
GR6F	-	0.726.24	HW 580	4RA003510191	-	20 400 102
GR7	0332 204 101	0.728.12	HW 514	4RD003520081	SRB 501	20 201 000
	0332 204 113	-	-	4RD003520088	-	-
	0332 204 115	-	-	4RD003520131	-	-
	0332 204 125	-	-	4RD003520137	-	-
	0332 204 150	-	-	-	-	-
	0332 204 151	-	-	-	-	-
-	0332 204 801	-	-	-	-	-
GR8	0332 204 201	0.728.24	HW 542	4RD003520071	SRB 535	20 401 000
	0332 204 203	-	-	4RD003520077	-	-
	0332 204 210	-	-	4RD003520091	-	-
	0332 204 802	-	-	4RD003520097	-	-
GR11	0332 014 406	0.727.62	HW 579	4RA003510081	SRB 523	20 210 000
	-	-	-	4RA003510082	-	-
	-	-	-	4RA003510083	-	-
	-	-	-	4RA003510087	-	-
	-	-	-	4RA003510089	-	-
GR12	0332 014 408	0.727.74	HW 583	4RA003510091	SRB 533	20 410 100
	-	-	-	4RA003510093	-	-
GR14	0332 204 401	0.728.62	HW 585	-	SRB 527	20 211 100
GR14A	-	0.728.74	-	-	-	-
GR15	-	-	-	-	-	20 200 006

RELAYS, FLASHER UNITS & RELAY HOLDERS

RELAY CROSS REFERENCE

GUARDIAN	BOSCH	DURITE	FISTER	HELLA	LUCAS	WIPAC
GR16	-	0.727.40	-	-	-	20 400 111
GR17	0332 002 172	0.727.70	-	4RA003437047	-	20 200 111
GR18	-	0.728.15	-	-	-	-
GR18A	-	0.728.27	-	-	-	-
GR19	-	0.727.10	-	-	-	-
GR19HD	-	0.727.18	-	-	-	-
GR20	-	0.727.06	-	-	-	-
GR20HD	-	0.727.08	-	-	-	-
GR21	-	0.728.14	-	-	-	-
GR22	-	0.728.26	-	-	-	-
GR23	-	0.727.14	-	-	-	-
GR24	-	0.727.26	-	-	-	-
GR25	-	0.727.13	-	-	-	-
GR26	-	0.727.25	-	-	-	-
GR27	0332 207 104	0.728.13	-	-	SRB 703	-
GR28	0332 207 202	0.728.25	-	-	SRB 713	-
GR30	-	0.727.23	-	-	SRB630	-
GR31	-	0.727.71	-	4RA003437057	SRB 540	-
GR32	-	-	-	-	-	-
GR33	0335 215 146	0.728.70	-	-	-	-
GR34	-	0.728.40	-	-	-	-
GR35	-	-	-	-	-	-
GR36	-	-	-	-	-	-
GR40E	-	-	-	-	-	-
GR41	-	0.727.33	-	-	-	-
GR42	-	0.727.83	-	-	-	-
GR50	0986 AHO 320	-	-	4RA003437051	-	2920006
GR51	-	-	-	-	-	-
GR52	0986 332 051	0.727.11	-	4RA007783011	-	29200075A
	0986 332 052	-	-	-	-	-
	0986 332 061	-	-	-	-	-
	0986 332 070	-	-	-	-	-
GR53	-	-	-	-	-	-



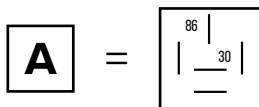
RELAYS, FLASHER UNITS & RELAY HOLDERS

RELAYS

RELAY PIN CONFIGURATIONS & APPLICATIONS

EURO LISTINGS

1 - 86
2 - 85
3 - 30
4 - 87a
5 - 87



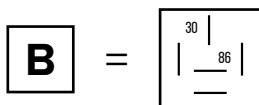
A TYPE RELAY

Applications

BMW | Ford | Jaguar | Opel
Volvo (Car) | Vauxhall

EURO LISTINGS

1 - 86
2 - 85
3 - 30
4 - 87a
5 - 87



B TYPE RELAY

Applications

Audi | British Leyland | Citroen
Daimler | Benz | Daf | Man | KHD
Massey Fergusson | Peugeot | Porsche
Renault | Saab | Simca | Volvo
Volkswagen

STANDARD 4 PIN RELAYS

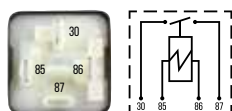
GR1

- 12 volt
- 40 Amp
- Standard 'B' Type
- Normally Open Relay



GR2

- 24 volt
- 22 Amp
- Standard 'B' Type
- Normally Open Relay



STANDARD 5 PIN RELAYS

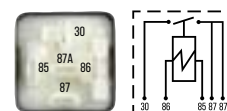
GR3

- 12 volt
- 40 Amp
- Standard 'B' Type
- Double Contact Normally Open Relay



GR4

- 24 volt
- 22 Amp
- Standard 'B' Type
- Double Contact Normally Open Relay



FUSED 4 PIN RELAYS

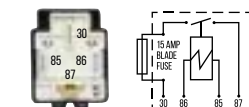
GR5F

- 12 volt
- 30 Amp Fused
- Standard 'B' Type
- Normally Open Relay



GR6F

- 24 volt
- 15 Amp Fused
- Standard 'B' Type
- Normally Open Relay



STANDARD 5 PIN RELAYS

GR7

- 12 volt
- 40/15 Amp
- Standard 'B' Type
- Changeover Relay



GR8

- 24 volt
- 22/10 Amp
- Standard 'B' Type
- Changeover Relay



STANDARD 4 PIN RELAYS

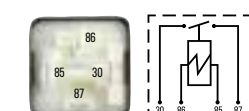
GR11

- 12 volt
- 40 Amp
- Standard 'A' Type
- Normally Open Relay



GR12

- 24 volt
- 22 Amp
- Standard 'A' Type
- Normally Open Relay



STANDARD 5 PIN RELAYS

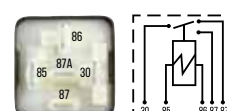
GR14

- 12 volt
- 40/15 Amp
- Standard 'A' Type
- Changeover Relay



GR14A

- 24 volt
- 22/10 Amp
- Standard 'A' Type
- Changeover Relay



RELAYS, FLASHER UNITS & RELAY HOLDERS

RELAYS

6.3mm / 8mm TERMINAL HEAVY DUTY STANDARD 4 PIN RELAY

GR15

- 12 volt
- 50 Amp
- Heavy Duty 'B' Type, Normally Open Relay



6.3mm / 9.5mm TERMINAL HEAVY DUTY STANDARD 4 PIN RELAYS

GR17

- 12 volt
- 70 Amp
- Heavy Duty 'B' Type, Normally Open Relay



GR16

- 24 volt
- 40 Amp
- Heavy Duty 'B' Type, Normally Open Relay



RESISTOR PROTECTED STANDARD 5 PIN RELAYS

GR18

- 12 volt
- 40/15 Amp
- Standard 'B' Type
- Changeover Relay with Resistor



GR18A

- 24 volt
- 22/10 Amp
- Standard 'B' Type
- Changeover Relay with Resistor



HEAVY DUTY 2 STUD RELAYS

GR19

- 12 volt
- 100 Amp
- Heavy Duty
- Normally Open Relay



GR20

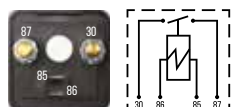
- 24 volt
- 60 Amp
- Heavy Duty
- Normally Open Relay



HEAVY DUTY 2 STUD RELAY

GR19HD

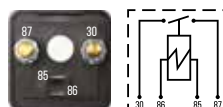
- 12 volt
- 120 Amp
- Heavy Duty
- Normally Open Relay



HEAVY DUTY 2 STUD RELAY

GR20HD

- 24 volt
- 100 Amp
- Heavy Duty
- Normally Open Relay



DIODE PROTECTED STANDARD 5 PIN RELAYS

GR21

- 12 volt
- 40/15 Amp
- Standard 'B' Type
- Changeover Relay with Diode



GR22

- 24 volt
- 22/10 Amp
- Standard 'B' Type
- Changeover Relay with Diode



DIODE PROTECTED STANDARD 4 PIN RELAYS

GR23

- 12 volt
- 40 Amp
- Standard 'B' Type
- Normally Open Relay with Diode



GR24

- 24 volt
- 22 Amp
- Standard 'B' Type
- Normally Open Relay with Diode



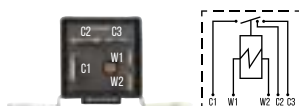
RELAYS, FLASHER UNITS & RELAY HOLDERS

RELAYS | MICRO RELAYS

SPLIT CHARGE RELAY

GR30 Lucas Part No. SRB630

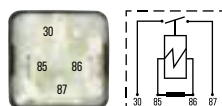
- 12 volt
- 60/16 Amp
- 'Splitter' Relay
- Used as a split charger for Caravan Supplementary Circuits, i.e. Fridges etc



6.3mm / 9.5mm TERMINAL RESISTOR PROTECTED STANDARD 4 PIN RELAY

GR31

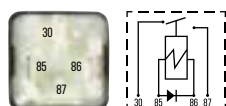
- 12 volt
- 70 Amp
- Heavy Duty 'B' Type
- Normally Open Relay with Resistor



6.3mm / 9.5mm TERMINAL DIODE PROTECTED STANDARD 4 PIN RELAY

GR32

- 12 volt
- 70 Amp
- Heavy Duty 'B' Type
- Normally Open Relay with Diode



6.3mm / 9.5mm RESISTOR PROTECTED STANDARD 5 PIN RELAYS

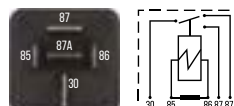
GR33

- 12 volt
- 60/100 Amp
- Heavy Duty 'B' Type
- Changeover Relay with Resistor



GR34

- 24 volt
- 30/50 Amp
- Heavy Duty 'B' Type
- Changeover Relay with Resistor



RESISTOR PROTECTED STANDARD 4 PIN RELAYS

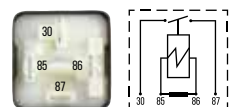
GR35

- 12 volt
- 40 Amp
- Standard 'B' Type
- Normally Open Relay with Resistor



GR36

- 24 volt
- 22 Amp
- Standard 'B' Type
- Normally Open Relay with Resistor



DIODE PROTECTED 4 PIN MICRO RELAYS

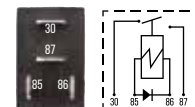
GR25

- 12 volt
- 40 Amp
- 'Micro' Type
- Normally Open Relay with Diode



GR26

- 24 volt
- 20 Amp
- 'Micro' Type
- Normally Open Relay with Diode



DIODE PROTECTED 5 PIN MICRO RELAYS

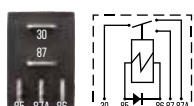
GR27

- 12 volt
- 30/40 Amp
- 'Micro' Type
- Changeover Relay with Diode



GR28

- 24 volt
- 15/20 Amp
- 'Micro' Type
- Changeover Relay with Diode



MICRO 4 PIN RELAYS

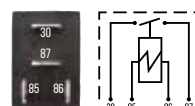
GR50

- 12 volt
- 40 Amp
- 'Micro' Type
- Normally Open Relay



GR51

- 24 volt
- 20 Amp
- 'Micro' Type
- Normally Open Relay



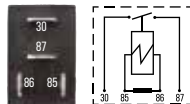
RELAYS, FLASHER UNITS & RELAY HOLDERS

MICRO | TIMER | WARNING RELAYS

RESISTOR PROTECTED MICRO 4 PIN RELAYS

GR52

- 12 volt
- 40 Amp
- 'Micro' Type
- Normally Open Relay with Resistor



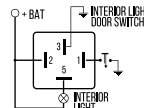
GR53

- 24 volt
- 20 Amp
- 'Micro' Type
- Normally Open Relay with Resistor

INTERIOR LIGHT TIMER RELAY

GLR1

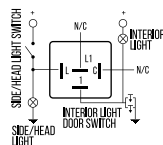
- 12 volt
- Universal Interior Light Timer Relay
- 10 second delay



WARNING RELAY

GLR3

- 12 volt
- Universal Lights "on" Warning Relay
- 72dB Buzzer



WARNING RELAYS

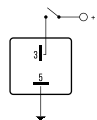
GLR4

- 12 volt
- Universal Warning Relay
- 72dB Buzzer



GLR5

- 24 volt
- Universal Warning Relay
- 72dB Buzzer



WARNING RELAYS

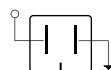
GLR6

- 12 volt
- Universal Warning Relay
- 86dB Buzzer



GLR7

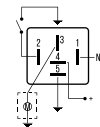
- 24 volt
- Universal Warning Relay
- 86dB Buzzer



TIMER RELAY

GLR8

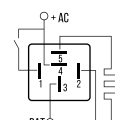
- 12 volt
- Universal Windscreen Wiper Timer Relay
- 5 second delay



TIMER RELAY

GLR10

- 12 volt
- Universal Heated Window Timer Relay
- 10 minute delay



LOOKING FOR THE RIGHT RELAY?

See our RELAY cross reference from page 182



RELAYS, FLASHER UNITS & RELAY HOLDERS

SPECIAL APPLICATION RELAYS | HOLDERS

"SMART" SELF SWITCHING ELECTRONIC RELAY

GR40E

- 12 volt
- 22 Amp Maximum
- Protects the Vehicle Battery from Total Discharge
- Ideal for Fridges and Aux Battery Charging



12
VOLT



VOLTAGE SENSITIVE BATTERY ISOLATOR RELAYS

- Ideal for Charging Aux Batteries
- Not suitable for Euro 6 vehicles

GR41

- 12 volt
- 140 Amp Maximum
- 13.3 volt cut in 12.8 volt cut out

GR42

- 24 volt
- 100 Amp Maximum
- 26.6 volt cut in 25.6 volt cut out



ELECTRONIC LIGHTING CIRCUIT RELAY

GR2412E

- 24 - 12 volt
- Allows 12 volt Trailers to be connected to 24 volt Vehicles
- Use in conjunction with a 10 Amp Voltage Dropper (VC3 recommended)



12, 24
MULTI VOLTAGE



4 WAY STANDARD RELAY HOLDER

RB4

- Complete with Terminals
- Can be inter-locked with ILF4R, FB12, RB7 to form an integrated Fuse and Relay Unit
- L.122 mm H.63 mm W.87 mm



7 WAY MICRO RELAY HOLDER

RB7

- Complete with Terminals
- Can be inter-locked with ILF4R, FB12, RB4 to form an integrated Fuse and Relay Unit
- L.122 mm H.63 mm W.90 mm



RELAY HOLDERS

- Complete with 5 x 6.3 mm Terminals (U32)

RB1

- Single Standard Relay Holder
- L.34 mm H.26 mm W.27 mm

RB2

- Base for Relay/Flasher/Timers
- L.30 mm H.25 mm W.30 mm



RELAY HOLDERS

- Inter-locking Base for Relay/Flasher/Timers

RB3

- Complete with 5 x 6.3 mm, 4 x 2.8 mm Terminals (U32 and U27L)
- L.32 mm H.37 mm W.35 mm

RB4/1

- Complete with 3 x 6.3 mm, 4 x 2.8 mm, 2 x 9.5 mm Terminals (U32, U27L and U44L)
- L.32 mm H.45 mm W.38 mm



RELAY HOLDER

RB5

- Inter-locking Micro Relay Base
- Complete with 2 x 6.3 mm, 3 x 4.8 mm Terminals (U32 and U29L)
- L.22 mm H.35 mm W.35 mm



RELAYS, FLASHER UNITS & RELAY HOLDERS

FLASHER UNIT CROSS REFERENCE

GUARDIAN	BOSCH	DURITE	FISTER	HELLA	LUCAS	WIPAC
GFL1	-	-	HW 531	-	-	WFL 1
GFL1H	-	0.606.50	-	4LZ004387001	-	WFL 2
GFL2	-	0.606.12	HW 530	0.129.03	SFB 114	WFL 3
-	-	-	-	0.129.01	SFB 115	-
GFL2H	-	-	HW 530H	0.129.04	-	-
GFL3	0335 200 004	0.744.12	HW 533	4DB002895023	SFB 153	WFL 4
-	0335 200 022	-	-	04DB003750101	SFB 162	-
-	0335 200 024	-	-	4DB003750151	-	-
-	0335 200 027	-	-	4DB003750181	-	-
-	0335 200 052	-	-	-	-	-
-	0335 200 075	-	-	-	-	-
-	0335 200 079	-	-	-	-	-
GFL4	0336 102 022	-	HW 532	-	SFB 105	WFL5
-	0336 203 005	-	-	-	-	-
-	0336 206 004	-	-	-	-	-
-	0336 210 001	-	-	-	-	-
GFL4H	-	-	-	-	-	-
GFL5	-	0.744.38	HW 547	-	SFB 163	WFL 6
GFL6	-	-	HW 550	-	-	-
GFL7	-	-	HW 551	-	-	-
GFL8H	-	-	-	-	-	WFL 15
GFL9	-	0.744.13	HW 558	4DB003750018	SFB 161	WFL 9
-	-	-	-	4DB003750081	-	-
-	-	-	-	4DB003750171	-	-
-	-	-	-	4DB003750191	-	-
-	-	-	-	4DB003750201	-	-
GFL12	-	0.744.24	-	4DB003675001	SFB 166	WFL 18
GFL13	-	0.744.26	-	4DM003390031	SFB 167	WFL 16
-	-	-	-	4DM004639027	-	-
GFL14	0335 215 043	-	-	4DM003944041	-	WFL 19
-	0335 215 143	0.744.44	-	4DM001863101	-	-
-	0335 215 145	-	-	4DM001863061	-	-
-	0336 402 018	-	-	4DM008863141	-	-
GFL16	0335 200 041	0.744.62	-	4DM003360002	-	-
-	335 200 080	-	-	4DM003390011	-	-
-	-	-	-	4DM004420011	-	-
-	-	-	-	4DM004420107	-	-



RELAYS, FLASHER UNITS & RELAY HOLDERS

FLASHER UNIT CROSS REFERENCE

GUARDIAN	BOSCH	DURITE	FISTER	HELLA	LUCAS	WIPAC
-	-	-	-	4DM001899001	-	-
-	-	-	-	4DM001899041	-	-
-	-	-	-	4DM003390011	-	-
GFL17	-	0.744.36	HW 566	4DM00346027	SFB 165	WFL 8
GFL19	-	0.744.22	HW 592	-	SFB 182	WFL 12
GFL22	-	-	HW 594	-	SFB 170	WFL 22
GFL23H	-	-	-	-	-	-
GFL24	-	0.744.13	HW 596	-	SFB 183	WFL 24
GFL25	-	-	-	-	SFB 168	WFL 25
-	-	-	-	4DM003474017	-	-
-	-	-	-	4DM003474027	-	-
GFL28	0335 215 154	0.744.54	-	4DM003944051	-	-
-	0335 215 155	-	-	4DM003438011	-	-
-	0335 215 156	-	-	4DM001863031	-	-
GFL33	-	-	-	-	-	-
GFL34	0335 215 146	0.744.44	-	-	-	-
GFL35	-	-	-	-	-	-
GFL37	-	0.744.45	-	-	-	-
GFL38	0335 215 155	0.744.54	-	4DW003424017	-	-
GFL39	0335 200 160	-	-	4DM003438007	-	-
-	-	-	-	4DM003438011	-	-
-	-	-	-	4DM003438047	-	-
-	-	-	-	4DM003438067	-	-
GFL40	-	-	-	-	-	-
GFL41	-	-	-	-	-	-
GFL42	-	-	-	-	-	-

FLASHER UNIT TERMINAL GUIDE

UNITED KINGDOM	EUROPEAN	FRENCH	APPLICATION
X B +	15 49	+	Supply
- E	31	31	Earth
L	49a	C or Comm	Indicator switch
P	C	R or Rep	Vehicle warning lamp
-	c2	-	Trailer warning lamp
-	c3	-	2nd Trailer warning lamp
30b	30b	-	Hazard switch

Whilst every care has been taken in compiling this cross reference list, Guardian Automotive Limited cannot accept legal liability should there be any inaccuracies

RELAYS, FLASHER UNITS & RELAY HOLDERS

FLASHER/HAZARD WARNING UNITS

CANISTER TYPE FLASHER/ WARNING UNITS

GFL1

- 12 volt Electronic Flasher Unit
- Operates 2 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- 47 watt maximum



GFL1H

- 12 volt Thermal Hazard Warning Unit
- Operates 4 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 94 watt maximum



FLASHER/WARNING UNITS

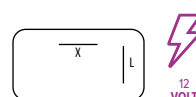
GFL2

- 12 volt Electronic Flasher Unit
- Operates 2 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- 47 watt maximum



GFL2H

- 12 volt Thermal Hazard Warning Unit
- Operates 4 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 94 watt maximum



FLASHER UNIT

GFL3

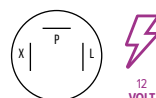
- 12 volt Electronic Flasher Unit
- Operates 4 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 98 watt maximum



CANISTER TYPE FLASHER UNIT

GFL4

- 12 volt Electronic Flasher Unit
- Operates 2 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- 47 watt maximum



CANISTER TYPE WARNING UNIT

GFL4H

- 12 volt Thermal Hazard Warning Unit
- Operates 4 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 94 watt maximum



FLASHER/WARNING UNIT

GFL5

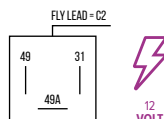
- 12 volt Electronic Flasher/Hazard Warning Unit
- Flasher 2 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- Hazard 4 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 98 watt maximum



FLASHER/WARNING UNIT WITH FLY LEAD

GFL6

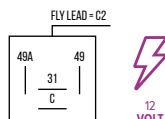
- 12 volt Electronic Flasher/Hazard Warning Unit
- Flasher 3 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- Hazard 6 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 140 watt maximum



FLASHER/WARNING UNIT WITH FLY LEAD

GFL7

- 12 volt Electronic Flasher/Hazard Warning Unit
- Flasher 3 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- Hazard 6 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 140 watt maximum



RELAYS, FLASHER UNITS & RELAY HOLDERS

FLASHER/HAZARD WARNING UNITS

CANISTER TYPE FLASHER UNIT

GFL8H

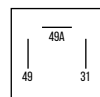
- 24 volt Thermal Flasher Unit
- Operates 4 x 21 watt Bulbs
- 98 watt maximum



FLASHER/WARNING UNIT

GFL9

- 12 volt Electronic Flasher/Hazard Warning Unit
- Flasher 2 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- Hazard 4 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 98 watt maximum



FLASHER/WARNING UNIT

GFL12

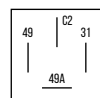
- 24 volt Electronic Flasher/Hazard Warning Unit
- Flasher 2 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- Hazard 4 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 98 watt maximum



FLASHER/WARNING UNIT

GFL13

- 24 volt Electronic Flasher/Hazard Warning Unit
- Flasher 3 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- Hazard 6 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 140 watt maximum



FLASHER/WARNING UNIT WITH DEDICATED PLUG

GFL14

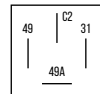
- 24 volt Electronic Flasher/Hazard Warning Unit
- Flasher 3 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- Hazard 6 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 140 watt maximum



FLASHER/WARNING UNIT

GFL16

- 12 volt Electronic Flasher/Hazard Warning Unit
- Flasher 3 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- Hazard 6 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 140 watt maximum



FLASHER/WARNING UNIT

GFL17

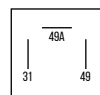
- 12 volt Electronic Flasher/Hazard Warning Unit
- Flasher 3 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- Hazard 6 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 140 watt maximum



FLASHER/WARNING UNIT

GFL19

- 12 volt Electronic Flasher/Hazard Warning Unit (Negative Earth)
- Flasher 2 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- Hazard 4 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 98 watt maximum



RELAYS, FLASHER UNITS & RELAY HOLDERS

FLASHER/HAZARD WARNING UNITS

FLASHER/WARNING UNIT

GFL22

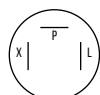
- 12 volt Electronic Flasher/Hazard Warning Unit
- Flasher 2 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- Hazard 4 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 98 watt maximum



CANISTER TYPE FLASHER UNIT

GFL23H

- 24 volt Thermal Flasher Unit
- Operates 4 x 21 watt Bulbs
- 98 watt maximum



FLASHER/WARNING UNIT

GFL24

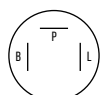
- 12 volt Electronic Flasher/Hazard Warning Unit
- Flasher 2 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- Hazard 4 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 98 watt maximum



CANISTER TYPE FLASHER UNIT

GFL25

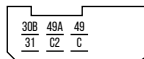
- 12 volt Electronic Flasher Unit
- Operates 2 x 21 watt Bulbs
- 42 watt maximum



FLASHER/WARNING UNIT WITH DEDICATED PLUG

GFL28

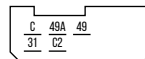
- 24 volt Electronic Flasher/Hazard Warning Unit
- Flasher 4 x 21 watt Bulbs
- Hazard 8 x 21 watt Bulbs
- 170 watt maximum



FLASHER/WARNING UNIT WITH DEDICATED PLUG

GFL33

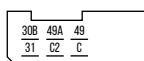
- 24 volt Electronic Flasher/Hazard Warning Unit
- Flasher 4 x 21 watt Bulbs
- Hazard 8 x 21 watt Bulbs
- 170 watt maximum



FLASHER/WARNING UNIT WITH DEDICATED PLUG

GFL34

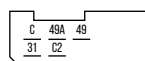
- 24 volt Electronic Flasher/Hazard Warning Unit
- Flasher 3 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- Hazard 6 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 140 watt maximum



FLASHER/WARNING UNIT WITH DEDICATED PLUG

GFL35

- 24 volt Electronic Flasher/Hazard Warning Unit
- Flasher 4 x 21 watt Bulbs
- Hazard 8 x 21 watt Bulbs
- 170 watt maximum



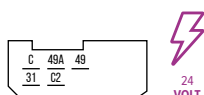
RELAYS, FLASHER UNITS & RELAY HOLDERS

FLASHER/HAZARD WARNING UNITS

FLASHER/WARNING UNIT WITH DEDICATED PLUG

GFL37

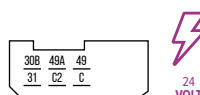
- 24 volt Electronic Flasher/Hazard Warning Unit
- Flasher 3 x 21 watt Bulbs + 1 x 5 watt Bulbs (if fitted)
- Hazard 6 x 21 watt Bulbs + 2 x 5 watt Bulbs (if fitted)
- 140 watt maximum



FLASHER/WARNING UNIT WITH DEDICATED PLUG

GFL38

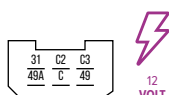
- 24 volt Electronic Flasher/Hazard Warning Unit
- Flasher 4 x 21 watt Bulbs
- Hazard 8 x 21 watt Bulbs
- 170 watt maximum



FLASHER/WARNING UNIT WITH DEDICATED PLUG

GFL39

- 12 volt Electronic Flasher/Hazard Warning Unit
- Flasher 4 x 21 watt Bulbs
- Hazard 8 x 21 watt Bulbs
- 170 watt maximum



2 PIN ELECTRONIC & LED FLASHER UNIT

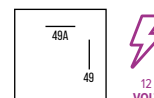
GFL40

- 12 volt Electronic LED Flasher Unit
- 1 x 21 watt Bulb + 1 x 5 watt Bulb + 1 x LED Unit
- 30 watt maximum



Continuous operation is only recommended for 1 indicator bulb & 1 LED Cluster.

Two incandescent bulbs should only be used as a temporary replacement if the LED Cluster fails.



3 PIN ELECTRONIC & LED FLASHER UNIT

GFL41

- 12 volt Electronic LED Flasher Unit
- 1 x 21 watt Bulb + 1 x 5 watt Bulb + 1 x LED Unit
- 30 watt maximum



Continuous operation is only recommended for 1 indicator bulb & 1 LED Cluster.

Two incandescent bulbs should only be used as a temporary replacement if the LED Cluster fails.



3 PIN ELECTRONIC & LED FLASHER UNIT

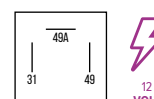
GFL42

- 12 volt Electronic LED Flasher Unit
- 1 x 21 watt Bulb + 1 x 5 watt Bulb + 1 x LED Unit
- 30 watt maximum



Continuous operation is only recommended for 1 indicator bulb & 1 LED Cluster.

Two incandescent bulbs should only be used as a temporary replacement if the LED Cluster fails.



LOOKING FOR THE RIGHT FLASHER UNIT?

See our FLASHER UNIT cross reference from page 189

