



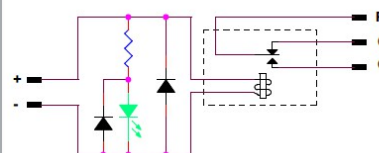
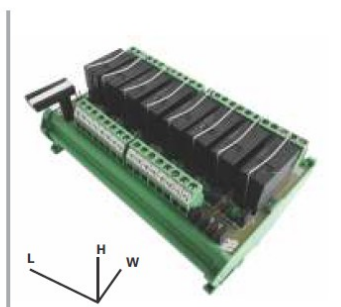
Industrial Interface

Standard Relay Modules

DC Relay Module with 1 C/O Contact

Features:

- Fast traceability of signal status through Channel-wise LED indications.
- Plug In Type Relays.
- Interchangeable Looping at Input side using jumpers.
- Reduces Installation & commissioning time.
- Compact in design.
- Universal Rail mounting.



Technical Data:

Input Data

Operating Voltage	12VDC	24VDC
Rated Current (mA)	40	25
Input Status LED/Ch	Green	
Back emf Protection/Channel	Free-wheeling Diode	
Positive/Negative Looping	User Selectable using Jumpers	

Output Data

Contact Configuration	SPDT, Potential Free	
Contact Current Rating	12 A at 250 VAC 12 A at 24 VDC	
Max. switching voltage	440 VAC, 300 VDC	
Mechanical operation	18,000 /hr	
Electrical operation	1,800 /hr	
Dielectric strength between Contacts	1,000V AC, 50/60Hz. 1 min.	

Termination Data

Terminal Type	Screw Terminal
Nominal Current	24A
Cross-section	2.5mm ²
Rated Voltage	250V
Rated surge Voltage	4KV
Solid/ Stranded [mm ² / mm ²] AWG	0.2-4/ 0.2-2.5/ 24-12
Stripping Length	8mm
Type of Insulation material	PA/I
Tightening torque	0.6 Nm Max.

Relay Data

Relay Make	Omron, G2RL Series or Equivalent
Contact Type	1 Change Over
Approvals	

Relay Socket

Rated values	5A AC/ DC, 250V rms
Dielectric strength	2000V AC rms for 1 min.
Insulation resistance	1000MΩ at 500V DC
Standard conformity	EN 60947-5-1/ IEC 947-5-1
Ambient temperature	-45 to +120°C

General Data

Ambient temperature	0°C to +60°C
Relative humidity	Max. 90% (Non-condensing)
PCB design	UL standard ANSI IPC 2221, 2222 & MIL 275B
Screw- Terminals	UL, CSA Standard & CE standard
Mounting	Din Rail Mountable
Approval	

Ordering details

Channel	Part Code	Ordering Code	Size in mm (L x W)
1	ULEP24D01-COB	210101010000500	25 x 90
2	ULEP24D02-COB	210102010000501	42 x 90
4	ULEP24D04-COB	210104010000900	74 x 90
8	ULEP24D08-COBV1	210108010001900	134 x 90
16	ULEP24D16-COBV1	210116010007100	269 x 90

Note:

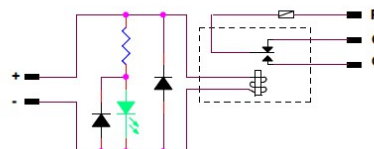
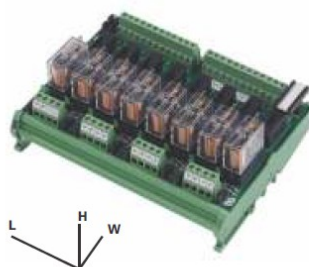
- Relay Coil Voltage with 48VDC, 110VDC, & 220VDC are available on request.
- Other option available in Relay modules such as
 - 1) Relay module with common -ve or common +ve looping only
 - 2) With Normally Open contacts
 - 3) Wetted contacts or Pot free /Wetted selectable.

Standard Relay Modules

DC Relay Module, 1 C/O Contact with fuse in each contact

Features:

- Fast traceability of signal status through Channel-wise LED indications.
- Plug In Type Relays.
- Interchangeable Looping at Input side using jumpers.
- Reduces Installation & commissioning time.
- Compact in design.
- Universal Rail mounting.



Technical Data:

Input Data

Operating Voltage	12VDC	24VDC
Rated Current (mA)	40	25
Input Status LED/Ch	Green	
Back emf Protection/Channel	Free-wheeling Diode	
Positive/Negative Looping	User Selectable using Jumpers	

Output Data

Contact Configuration	SPDT, Potential Free
Contact Current Rating	12 A at 250 VAC 12 A at 24 VDC
Max. switching voltage	440 VAC, 300 VDC
Mechanical operation	18,000 /hr
Electrical operation	1,800 /hr
Dielectric strength between Contacts	1,000V AC, 50/60Hz. 1 min.
Protection	Fuse in each contacts

Termination Data

Terminal Type	Screw Terminal
Nominal Current	24A
Cross-section	2.5mm ²
Rated Voltage	250V
Rated surge Voltage	4KV
Solid/ Stranded [mm ² / mm ²] AWG	0.2-4/ 0.2-2.5/ 24-12
Stripping Length	8mm
Type of Insulation material	PA/ I
Tightening torque	0.6 Nm Max.

Relay Data

Relay Make	Omron, G2RL Series or Equivalent
Contact Type	1 Change Over
Approvals	

Relay Socket

Rated values	5A AC/ DC, 250V rms
Dielectric strength	2000V AC rms for 1 min.
Insulation resistance	1000MΩ at 500V DC
Standard conformity	EN 60947-5-1/ IEC 947-5-1
Ambient temperature	-45 to +120 °C

General Data

Ambient temperature	0°C to +60°C
Relative humidity	Max. 90% (Non-condensing)
PCB design	UL standard ANSI IPC 2221, 2222 & MIL 275B
Screw- Terminals	UL, CSA Standard & CE standard
Mounting	Din Rail Mountable
Approval	

Ordering details

Channel	Part Code	Ordering Code	Size in mm (L x W)
2	ULEP24D02(OFF)-COB	210108010001900	48 x 90
4	ULEP24D04(OFF)-COB	210104010001201	79 x 90
8	ULEP24D08(OFF)-COB	210108010003200	134 x 90
16	ULEP24D16(OFF)-COB	210116010001300	256 x 90

Note:

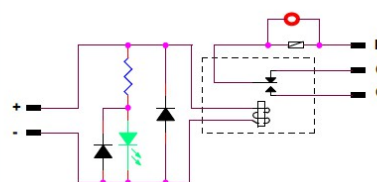
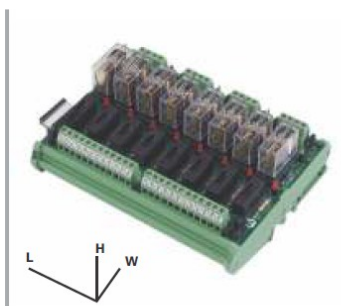
- Relay Coil Voltage with 48VDC, 110VDC, & 220VDC are available on request.
- Other option available in Relay modules such as
 - 1) Relay module with common -ve or common +ve looping only
 - 2) With Normally Open contacts
 - 3) Wetted contacts or Pot free /Wetted selectable.
 - 4) Fuse rating 2Amp./5Amp.

Standard Relay Modules

DC Relay Module, 1 C/O Contact with fuse and fuse fail LED in each contact

Features:

- Fast traceability of signal status through Channel-wise LED indications.
- Plug In Type Relays.
- Interchangeable Looping at Input side using jumpers.
- Reduces Installation & commissioning time.
- Compact in design.
- Universal Rail mounting.



Technical Data:

Input Data

Operating Voltage	12VDC	24VDC
Rated Current (mA)	40	25
Input Status LED/Ch	Green	
Back emf Protection/Channel	Free-wheeling Diode	
Positive/Negative Looping	User Selectable using Jumpers	

Output Data

Contact Configuration	SPDT, Potential Free
Contact Current Rating	12 A at 250 VAC 12 A at 24 VDC
Max. switching voltage	440 VAC, 300 VDC
Mechanical operation	18,000 /hr
Electrical operation	1,800 /hr
Dielectric strength between Contacts	1,000V AC, 50/60Hz. 1 min.
Protection	Fuse and Fuse Fail Indiction in each channel

Termination Data

Terminal Type	Screw Terminal
Nominal Current	24A
Cross-section	2.5mm ²
Rated Voltage	250V
Rated surge Voltage	4KV
Solid/ Stranded [mm ² / mm ²] AWG	0.2-4/ 0.2-2.5/ 24-12
Stripping Length	8mm
Type of Insulation material	PA/ I
Tightening torque	0.6 Nm Max.

Relay Data

Relay Make	Omron, G2RL Series or Equivalent
Contact Type	1 Change Over
Approvals	

Relay Socket

Rated values	5A AC/ DC, 250V rms
Dielectric strength	2000V AC rms for 1 min.
Insulation resistance	1000MΩ at 500V DC
Standard conformity	EN 60947-5-1/ IEC 947-5-1
Ambient temperature	-45 to +120°C

General Data

Ambient temperature	0°C to +60°C
Relative humidity	Max. 90% (Non-condensing)
PCB design	UL standard ANSI IPC 2221, 2222 & MIL 275B
Screw- Terminals	UL, CSA Standard & CE standard
Mounting	Din Rail Mountable
Approval	

Ordering details

Channel	Part Code	Ordering Code	Size in mm (L x W)
2	ULEP24D02(OFI)-COB	210116010012100	50 x 126
4	ULEP24D04(OFI)-COB	210116010006100	87 x 126
8	ULEP24D08(OFI)-COBV1	210116010011200	132 x 126
16	ULEP24D16(OFI)-COB	210116010007300	262 x 126

Note:

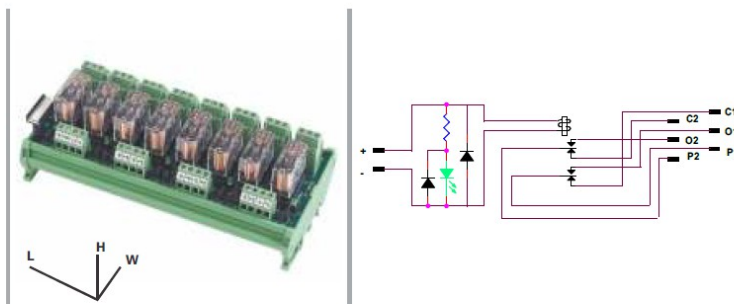
- Relay Coil Voltage with 48VDC, 110VDC, & 220VDC are available on request.
- Other option available in Relay modules such as
 - 1) Relay module with common -ve or common +ve looping only
 - 2) With Normally Open contacts
 - 3) Wetted contacts or Pot free /Wetted selectable.
 - 4) Fuse rating 2Amp./5Amp.

Standard Relay Modules

DC Relay Module with 2 C/O Contact

Features:

- Fast traceability of signal status through Channel-wise LED indications.
- Plug In Type Relays.
- Interchangeable Looping at Input side using jumpers.
- Reduces Installation & commissioning time.
- Compact in design.
- Universal Rail mounting.



Technical Data:

Input Data

Operating Voltage	12VDC	24VDC
Rated Current (mA)	40	25
Input Status LED/Ch	Green	
Back emf Protection/Channel	Free-wheeling Diode	
Positive/Negative Looping	User Selectable using Jumpers	

Output Data

Contact Configuration	DPDT, Potential Free
Contact Current Rating	8 A at 250 VAC 8 A at 24 VDC
Max. switching voltage	440 VAC, 300 VDC
Mechanical operation	18,000 /hr
Electrical operation	1,800 /hr
Dielectric strength between Contacts	1,000V AC, 50/60Hz. 1 min.

Termination Data

Terminal Type	Screw Terminal
Nominal Current	24A
Cross-section	2.5mm ²
Rated Voltage	250V
Rated surge Voltage	4KV
Solid/ Stranded [mm ² / mm ²] AWG	0.2-4/ 0.2-2.5/ 24-12
Stripping Length	8mm
Type of Insulation material	PA/ I
Tightening torque	0.6 Nm Max.

Relay Data

Relay Make	Omron, G2RL Series or Equivalent
Contact Type	2 Change Over
Approvals	

Relay Socket

Rated values	5A AC/ DC, 250V rms
Dielectric strength	2000V AC rms for 1 min.
Insulation resistance	1000MΩ at 500V DC
Standard conformity	EN 60947-5-1/ IEC 947-5-1
Ambient temperature	-45 to +120 °C

General Data

Ambient temperature	0°C to +60°C
Relative humidity	Max. 90% (Non-condensing)
PCB design	UL standard ANSI IPC 2221, 2222 & MIL 275B
Screw- Terminals	UL, CSA Standard & CE standard
Mounting	Din Rail Mountable
Approval	

Ordering details

Channel	Part Code	Ordering Code	Size in mm (L x W)
1	ULEP24D01-2COB	210101020000600	38 x 90
2	ULEP24D02-2COB	210102020000800	60 x 90
4	ULEP24D04-2COB	210104020001100	102 x 90
8	ULEP24D08-2COBV2	210116020012700	140 x 90
16	ULEP24D16-2COB	210116020000300	327 x 90

Note: • Relay Coil Voltage with 48VDC, 110VDC, & 220VDC are available on request.

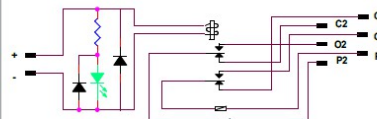
- Other option available in Relay modules such as
 - 1) Relay module with common -ve or common +ve looping only
 - 2) With Normally Open contacts
 - 3) Wetted contacts or Pot free /Wetted selectable.
 - 4) Fuse rating 2Amp./5Amp.

Standard Relay Modules

DC Relay Module, 2 C/O Contact with fuse in each contact

Features:

- Fast traceability of signal status through Channel-wise LED indications.
- Plug In Type Relays.
- Interchangeable Looping at Input side using jumpers.
- Reduces Installation & commissioning time.
- Compact in design.
- Universal Rail mounting.



Technical Data:

Input Data

Operating Voltage	12VDC	24VDC
Rated Current (mA)	40	25
Input Status LED/Ch	Green	
Back emf Protection/Channel	Free-wheeling Diode	
Positive/Negative Looping	User Selectable using Jumpers	

Output Data

Contact Configuration	DPDT, Potential Free
Contact Current Rating	8 A at 250 VAC 8 A at 30 VDC
Max. switching voltage	440 VAC, 300 VDC
Mechanical operation	18,000 /hr
Electrical operation	1,800 /hr
Dielectric strength between Contacts	1,000V AC, 50/60Hz. 1 min.
Protection	Fuse in each contacts

Termination Data

Terminal Type	Screw Terminal
Nominal Current	24A
Cross-section	2.5mm ²
Rated Voltage	250V
Rated surge Voltage	4KV
Solid/ Stranded [mm ² / mm ²] AWG	0.2-4/ 0.2-2.5/ 24-12
Stripping Length	8mm
Type of Insulation material	PA/ I
Tightening torque	0.6 Nm Max.

Relay Data

Relay Make	Omron, G2RL Series or Equivalent
Contact Type	2 Change Over
Approvals	

Relay Socket

Rated values	5A AC/ DC, 250V rms
Dielectric strength	2000V AC rms for 1 min.
Insulation resistance	1000MΩ at 500V DC
Standard conformity	EN 60947-5-1/ IEC 947-5-1
Ambient temperature	-45 to +120°C

General Data

Ambient temperature	0°C to +60°C
Relative humidity	Max. 90% (Non-condensing)
PCB design	UL standard ANSI IPC 2221, 2222 & MIL 275B
Screw- Terminals	UL, CSA Standard & CE standard
Mounting	Din Rail Mountable
Approval	

Ordering details

Channel	Part Code	Ordering Code	Size in mm (L x W)
4	ULEP24D04(OF)-2COB	210116020010300	102 x 126
8	ULEP24D08(OF)-2COB	210108020005100	188 x 126
16	ULEP24D16(OF)-2COB	210116020001700	362 x 126

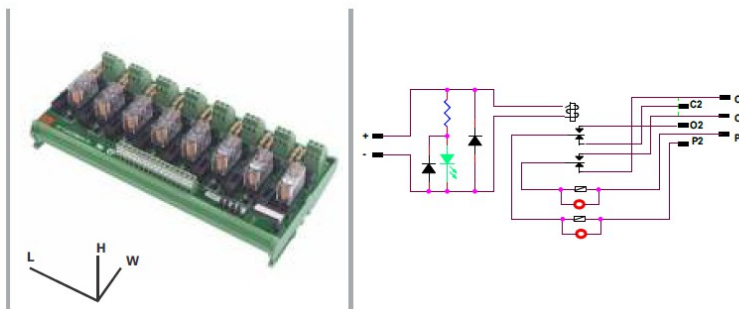
- Note:**
- Relay Coil Voltage with 48VDC, 110VDC, & 220VDC are available on request.
 - Other option available in Relay modules such as
 - 1) Relay module with common -ve or common +ve looping only
 - 2) With Normally Open contacts
 - 3) Wetted contacts or Pot free /Wetted selectable.
 - 4) Fuse rating 2Amp./5Amp.

Standard Relay Modules

DC Relay Module, 2 C/O Contact with fuse and fuse fail LED in each contact

Features:

- Fast traceability of signal status through Channel-wise LED indications.
- Plug In Type Relays.
- Interchangeable Looping at Input side using jumpers.
- Reduces Installation & commissioning time.
- Compact in design.
- Universal Rail mounting.



Technical Data:

Input Data

Operating Voltage	12VDC	24VDC
Rated Current (mA)	40	25
Input Status LED/Ch	Green	
Back emf Protection/Channel	Free-wheeling Diode	
Positive/Negative Looping	User Selectable using Jumpers	

Output Data

Contact Configuration	DPDT, Potential Free	
Contact Current Rating	8 A at 250 VAC 8 A at 30 VDC	
Max. switching voltage	440 VAC, 300 VDC	
Mechanical operation	18,000 /hr	
Electrical operation	1,800 /hr	
Dielectric strength between Contacts	1,000V AC, 50/60Hz. 1 min.	
Protection	Fuse and Fuse fail LED in each contacts	

Termination Data

Terminal Type	Screw Terminal	
Nominal Current	24A	
Cross-section	2.5mm ²	
Rated Voltage	250V	
Rated surge Voltage	4KV	
Solid/ Stranded [mm ² / mm ²] AWG	0.2-4/ 0.2-2.5/ 24-12	
Stripping Length	8mm	
Type of Insulation material	PA/ I	
Tightening torque	0.6 Nm Max.	

Relay Data

Relay Make	Omron, G2RL Series or Equivalent
Contact Type	2 Change Over
Approvals	

Relay Socket

Rated values	5A AC/ DC, 250V rms
Dielectric strength	2000V AC rms for 1 min.
Insulation resistance	1000MΩ at 500V DC
Standard conformity	EN 60947-5-1/ IEC 947-5-1
Ambient temperature	-45 to +120 °C

General Data

Ambient temperature	0°C to +60°C
Relative humidity	Max. 90% (Non-condensing)
PCB design	UL standard ANSI IPC 2221, 2222 & MIL 275B
Screw- Terminals	UL, CSA Standard & CE standard
Mounting	Din Rail Mountable
Approval	

Ordering details

Channel	Part Code	Ordering Code	Size in mm (L x W)
4	ULEP24D04(OFI)-2COB	210116020005600	137 x 126
8	ULEP24D08(OFI)-2COB	210108020006500	266 x 126
16	ULEP24D16(OFI)-2COB	210116020012800	285 X 126

Note:

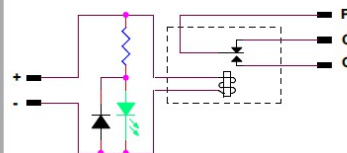
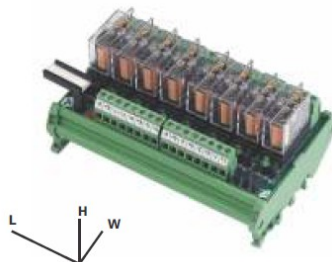
- Relay Coil Voltage with 48VDC, 110VDC, & 220VDC are available on request.
- Other option available in Relay modules such as
 - 1) Relay module with common -ve or common +ve looping only
 - 2) With Normally Open contacts
 - 3) Wetted contacts or Pot free /Wetted selectable.
 - 4) Fuse rating 2Amp./5Amp.

Standard Relay Modules

AC Relay Module with 1 C/O Contact

Features:

- Fast traceability of signal status through Channel-wise LED indications.
- Plug In Type Relays.
- Reduces Installation & commissioning time.
- Compact in design.
- Universal Rail mounting.



Technical Data:

Input Data

Operating Voltage	24VAC	110VAC	230VAC
Rated Current (mA)	58.8	16.2	10.3
Input Status LED/Ch	Green		
Back emf Protection/Channel	-		
Positive/Negative Looping	-		

Output Data

Contact Configuration	SPDT, Potential Free
Contact Current Rating	10 A at 250 VAC 10 A at 30 VDC
Max. switching voltage	440 VAC, 300 VDC
Mechanical operation	18,000 /hr
Electrical operation	1,800 /hr
Dielectric strength between Contacts	1,000V AC, 50/60Hz. 1 min.

Termination Data

Terminal Type	Screw Terminal
Nominal Current	24A
Cross-section	2.5mm ²
Rated Voltage	250V
Rated surge Voltage	4KV
Solid/ Stranded [mm ² / mm ²] AWG	0.2-4/ 0.2-2.5/ 24-12
Stripping Length	8mm
Type of Insulation material	PA/I
Tightening torque	0.6 Nm Max.

Relay Data

Relay Make	Omron, G2R Series or Equivalent
Contact Type	1 Change Over
Approvals	

Relay Socket

Rated values	5A AC/ DC, 250V rms
Dielectric strength	2000V AC rms for 1 min.
Insulation resistance	1000MΩ at 500V DC
Standard conformity	EN 60947-5-1/ IEC 947-5-1
Ambient temperature	-45 to +120 °C

General Data

Ambient temperature	0°C to +60°C
Relative humidity	Max. 90% (Non-condensing)
PCB design	UL standard ANSI IPC 2221, 2222 & MIL 275B
Screw- Terminals	UL, CSA Standard & CE standard
Mounting	Din Rail Mountable
Approval	

Ordering details for 24VAC, 1C/O Relay Module

Channel	Part Code	Ordering Code	Size in mm (L x W)
4	ULEP24A08-COB	210116010003600	134 x 90
8	ULEP24ABR08-COB	210116010005000	142 x 90

Ordering details for 110VAC, 1C/O Relay Module

4	ULEP110A04-COB	210116010006500	77 x 90
8	ULEP110A08-COB	210108010001500	134 x 90
16	ULEP110A16-COB	210116020001600	267 x 90

Ordering details for 230VAC, 1C/O Relay Module

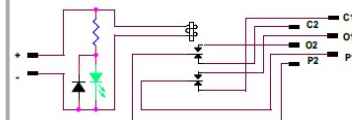
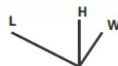
4	ULEP230A04-COB	210104010002000	77 x 90
8	ULEP230A08-COB	210108010001800	134 x 90
16	ULEP230A16-COB	210116020001500	267 x 90

Standard Relay Modules

AC Relay Module with 2 C/O Contact

Features:

- Fast traceability of signal status through Channel-wise LED indications.
- Plug In Type Relays.
- Reduces Installation & commissioning time.
- Compact in design.
- Universal Rail mounting.



Technical Data:

Input Data			
Operating Voltage	24VAC	110VAC	230VAC
Rated Current (mA)	58.8	16.2	10.3
Input Status LED/Ch	Green		
Back emf Protection/Channel	-		
Positive/Negative Looping	-		

Output Data

Contact Configuration	DPDT, Potential Free
Contact Current Rating	5 A at 250 VAC 5 A at 30 VDC
Max. switching voltage	440 VAC, 300 VDC
Mechanical operation	18,000 /hr
Electrical operation	1,800 /hr
Dielectric strength between Contacts	1,000V AC, 50/60Hz. 1 min.

Termination Data

Terminal Type	Screw Terminal
Nominal Current	24A
Cross-section	2.5mm ²
Rated Voltage	250V
Rated surge Voltage	4KV
Solid/ Stranded [mm ² / mm ²] AWG	0.2-4/ 0.2-2.5/ 24-12
Stripping Length	8mm
Type of Insulation material	PA/ I
Tightening torque	0.6 Nm Max.

Relay Data

Relay Make	Omron, G2R Series or Equivalent
Contact Type	2 Change Over
Approvals	

Relay Socket

Rated values	5A AC/DC, 250V rms
Dielectric strength	2000V AC rms for 1 min.
Insulation resistance	1000MΩ at 500V DC
Standard conformity	EN 60947-5-1/ IEC 947-5-1
Ambient temperature	-45 to +120 °C

General Data

Ambient temperature	0°C to +60°C
Relative humidity	Max. 90% (Non-condensing).
PCB design	UL standard ANSI IPC 2221, 2222 & MIL 275B
Screw- Terminals	UL, CSA Standard & CE standard
Mounting	Din Rail Mountable
Approval	

Ordering details for 24VAC, 2C/O Relay Module

Channel	Part Code	Ordering Code	Size in mm (L x W)
2	ULEP24A02-2C OB	210102020000400	62 x 90
4	ULEP24A04-2C OB	210104020000600	107 x 90
6	ULEP24A06-2C OB	210106020000400	152 x 90
8	ULEP24A08-2C OB	210108020000900	192 x 90

Ordering details for 110VAC, 2C/O Relay Module

1	ULEP110A01-2COB	210116020003500	38 x 90
4	ULEP110A04-2COB	210116020008300	102 x 90
8	ULEP110A08-2COB	210108020000700	182 x 90

Ordering details for 230VAC, 2C/O Relay Module

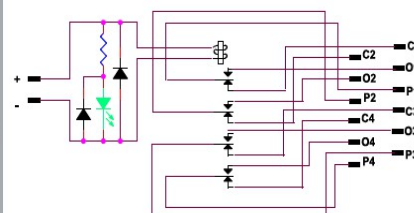
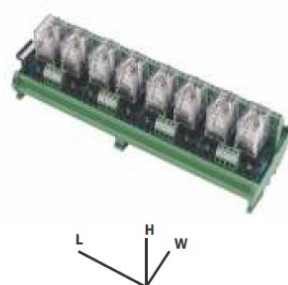
1	ULEP230A01-2COB	210116020004000	38 x 90
2	ULEP230A02-2COB	210116020011200	60 x 90
4	ULEP230A04-2COB	210116020003600	102 x 90
8	ULEP230A08-2COB	210116020002100	182 x 90

Standard Relay Modules

DC Relay Module with 4 C/O Contact

Features:

- Fast traceability of signal status through Channel-wise LED indications.
- Plug In Type Relays.
- Reduces Installation & commissioning time.
- Compact in design.
- Universal Rail mounting.



Technical Data:

Input Data

Operating Voltage	24VDC
Rated Current (mA)	42
Input Status LED/Ch	Green
Back emf Protection/Channel	Free-wheeling Diode
Positive/Negative Looping	User Selectable using Jumpers

Output Data

Contact Configuration	4C/O, Potential Free
Contact Current Rating	3 A at 220 VAC 3 A at 24 VDC
Max. switching voltage	250 VAC, 125 VDC
Mechanical operation	18,000 /hr
Electrical operation	1,800 /hr
Dielectric strength between Contacts	1,000V AC, 50/60Hz. 1 min.

Termination Data

Terminal Type	Screw Terminal
Nominal Current	24A
Cross-section	2.5mm ²
Rated Voltage	250V
Rated surge Voltage	4KV
Solid/ Stranded [mm ² / mm ²] AWG	0.2-4/ 0.2-2.5/ 24-12
Stripping Length	8mm
Type of Insulation material	PA/ I
Tightening torque	0.6 Nm Max.

Relay Data

Relay Make	Omron, MY4 Series or Equivalent
Contact Type	4 Change Over
Approvals	

Relay Socket

Rated values	5A AC/ DC, 250V rms
Dielectric strength	2000V AC rms for 1 min.
Insulation resistance	1000MΩ at 500V DC
Standard conformity	EN 60947-5-1/ IEC 947-5-1
Ambient temperature	-45 to +120°C

General Data

Ambient temperature	0°C to +60°C
Relative humidity	Max. 90% (Non-condensing)
PCB design	UL standard ANSI IPC 2221, 2222 & MIL 275B
Screw- Terminals	UL, CSA Standard & CE standard
Mounting	Din Rail Mountable
Approval	

Ordering details for 24VDC, 4C/O Relay Module

Channel	Part Code	Ordering Code	Size in mm (L x W)
2	ULEP24D02-4COB	210102040000900	80 x 90
4	ULEP24D04-4COB	210104040000900	140 x 90
8	ULEP24D08-4COB	210108040000800	267 x 90

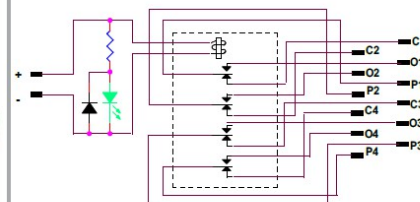
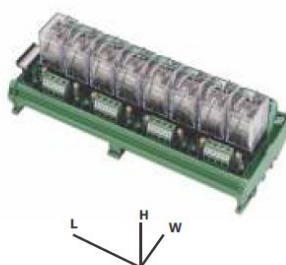
Note: Relay Coil Voltage with 12VDC, 48VDC, 110VDC are available on request.

Standard Relay Modules

AC Relay Module with 4 C/O Contact

Features:

- Fast traceability of signal status through Channel-wise LED indications.
- Plug In Type Relays.
- Reduces Installation & commissioning time.
- Compact in design.
- Universal Rail mounting.



Technical Data:

Input Data

Operating Voltage	110VAC	230VAC
Rated Current (mA)	16.2	10.3
Input Status LED/Ch	Green	
Back emf Protection/Channel	-	
Positive/Negative Looping	-	

Output Data

Contact Configuration	4C/O, Potential Free
Contact Current Rating	3 A at 220 VAC 3 A at 24 VDC
Max. switching voltage	250 VAC, 125 VDC
Mechanical operation	18,000 /hr
Electrical operation	1,800 /hr
Dielectric strength between Contacts	1,000V AC, 50/60Hz. 1 min.

Termination Data

Terminal Type	Screw Terminal
Nominal Current	24A
Cross-section	2.5mm ²
Rated Voltage	250V
Rated surge Voltage	4KV
Solid/ Stranded [mm ² / mm ²] AWG	0.2-4/ 0.2-2.5/ 24-12
Stripping Length	8mm
Type of Insulation material	PA/ I
Tightening torque	0.6 Nm Max.

Relay Data

Relay Make	Omron, MY4 Series or Equivalent
Contact Type	4 Change Over
Approvals	

Relay Socket

Rated values	5A AC/ DC, 250V rms
Dielectric strength	2000V AC rms for 1 min.
Insulation resistance	1000MΩ at 500V DC
Standard conformity	EN 60947-5-1/ IEC 947-5-1
Ambient temperature	-45 to +120 °C

General Data

Ambient temperature	0°C to +60°C
Relative humidity	Max. 90% (Non-condensing)
PCB design	UL standard ANSI IPC 2221, 2222 & MIL 275B
Screw- Terminals	UL, CSA Standard & CE standard
Mounting	Din Rail Mountable
Approval	

Ordering details for 110VAC, 4C/O Relay Module

Channel	Part Code	Ordering Code	Size in mm (L x W)
2	ULEP110A02-4COB	210108040002100	80 x 90
4	ULEP110A04-4COB	210108040002200	140 x 90
8	ULEP110A08-4COB	210108040002300	267 x 90

Ordering details for 230VAC, 4C/O Relay Module

2	ULEP230A02-4COB	210108040002400	80 x 90
4	ULEP230A04-4COB	210108040002500	140 x 90
8	ULEP230A08-4COB	210108040002600	267 x 90