



INTER-ELECTRIC

THERMAL OVERLOAD RELAY

Relays



Item: WLH-22

Be mounted with: Contactor WLC1-09/22

Applicable ambient temperature: -5 to 40 °C

Reset: manual/automatic

Class 10A tripping standard

Bimetal element type

Design of trip free

Certificate: UL CE

Current range	Standard type
0.1-0.16A	WLH-22/3 • 0.16
0.16-0.25A	WLH-22/3 • 0.25
0.25-0.4A	WLH-22/3 • 0.4
0.4-0.63A	WLH-22/3 • 0.63
0.63-1A	WLH-22/3 • 1
1-1.6A	WLH-22/3 • 1.6
1.6-2.5A	WLH-22/3 • 2.5
2.5-4A	WLH-22/3 • 4
4-6A	WLH-22/3 • 6
5-8A	WLH-22/3 • 8
6-9A	WLH-22/3 • 9
7-10A	WLH-22/3 • 10
9-13A	WLH-22/3 • 13
12-18A	WLH-22/3 • 18
16-22A	WLH-22/3 • 22

Installation:

Mounted with Contactor WLC1-09/22 or fixed to mount frame unit

Connection:

1. Main terminal: screw (M4) crimping terminal
2. Auxiliary contact/coil: screw (M3.5) crimping terminal



INTER-ELECTRIC

THERMAL OVERLOAD RELAY

Relays



Item: WLH-40

Be mounted with: Contactor WLC1-32/40

Applicable ambient temperature: -5 to 40 °C

Reset: manual/automatic

Class 10A tripping standard

Bimetal element type

Design of trip free

Certificate: UL CE

Current range	Standard type
4-6A	WLH-40/3 • 6
5-8A	WLH-40/3 • 8
6-9A	WLH-40/3 • 9
7-10A	WLH-40/3 • 10
9-13A	WLH-40/3 • 13
12-18A	WLH-40/3 • 18
16-22A	WLH-40/3 • 22
18-26A	WLH-40/3 • 26
24-36A	WLH-40/3 • 36
28-40A	WLH-40/3 • 40

Installation:

Mounted with Contactor WLC1-32/40 or fixed to mount frame unit

Connection:

1. Main terminal: screw (M4) crimping terminal
2. Auxiliary contact/coil: screw (M3.5) crimping terminal



INTER-ELECTRIC

THERMAL OVERLOAD RELAY

Relays



Item: WLH-85

Be mounted with: Contactor WLC1-50/85

Applicable ambient temperature: -5 to 40 °C

Reset: manual/automatic

Class 10A tripping standard

Bimetal element type

Design of trip free

Certificate: UL CE

Current range	Standard type
7-10A	WLH-85/3 • 10
9-13A	WLH-85/3 • 13
12-18A	WLH-85/3 • 18
16-22A	WLH-85/3 • 22
18-26A	WLH-85/3 • 26
24-36A	WLH-85/3 • 36
28-40A	WLH-85/3 • 40
34-50A	WLH-85/3 • 50
45-65A	WLH-85/3 • 65
54-75A	WLH-85/3 • 75
63-85A	WLH-85/3 • 85

Installation:

Mounted with Contactor WLC1-50/85 or fixed to mount frame unit

Connection:

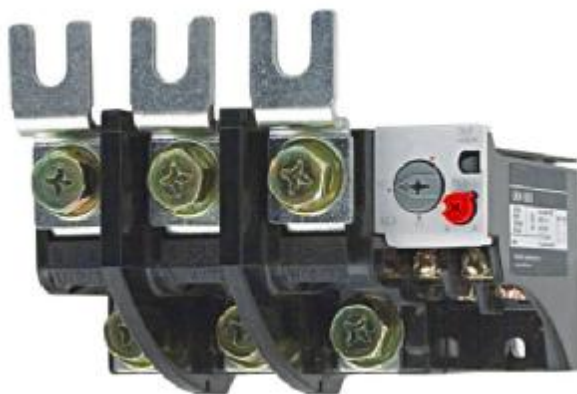
1. Main terminal: screw M6 (below 50A) / M8 crimping terminal
2. Auxiliary contact/coil: screw (M3.5) crimping terminal



INTER-ELECTRIC

THERMAL OVERLOAD RELAY

Relays



Item: WLH-150

Be mounted with: Contactor WLC1-100/150

Applicable ambient temperature: -5 to 40 °C

Reset: manual/automatic

Class 10A tripping standard

Bimetal element type

Design of trip free

Certificate: CE

Current range	Standard type
34-50A	WLH-150/3 • 50
39-57A	WLH-150/3 • 57
43-65A	WLH-150/3 • 65
54-80A	WLH-150/3 • 80
65-100A	WLH-150/3 • 100
85-125A	WLH-150/3 • 125
100-150A	WLH-150/3 • 150

Installation:

Mounted with Contactor WLC1-100/125 WLC1-150 or fixed to mount frame unit

Connection:

1. Main terminal: screw (M8) crimping terminal
2. Auxiliary contact/coil: screw (M3.5) crimping terminal



INTER-ELECTRIC

THERMAL OVERLOAD RELAY

Relays



Item: WLH-220

Be mounted with: Contactor WLC1-180/220

Applicable ambient temperature: -5 to 40 °C

Reset: manual/automatic

Class 10A tripping standard

Bimetal element type

Design of trip free

Certificate: CE

220AF

Current range	Standard type
65-100A	WLH-220/3 • 100
85-125A	WLH-220/3 • 125
100-160A	WLH-220/3 • 160
120-180A	WLH-220/3 • 180
160-240A	WLH-220/3 • 240

Installation:

Mounted with Contactor WLC1-180/220 or fixed to mount frame unit

Connection:

1. Main terminal: screw (M10) crimping terminal
2. Auxiliary contact/coil: screw (M3.5) crimping terminal