# 90 IDP - Type B

**Type B** residual current circuit breakers guarantee **total safety** against indirect contacts due to direct-type earth faults, representing the highest level of **residual current protection**.

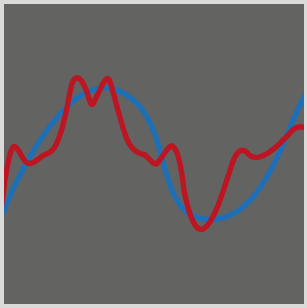
## The exclusive advantages of the 90 IDP - Type B range


### Visible protection

On the front of the devices there is a green LED, which enables the user to clearly check the status of the device at any time.

### No energy interruption

Type B circuit breakers prevent untimely tripping, thanks to their increased resistance against current impulses of 3kA and above, typical of overvoltages of atmospheric origin.



### High levels of resistance against disturbances

With short-time delated intervention characteristic, Type B devices ensure continuity of service, even in case of harmonic disturbance.

### Coordinated design

The circuit breakers are designed and manufactured to be fully in keeping with the entire 90 IDP range, and can be used with all versions of the ReStart range (2P, 2P PRO and 4P PRO).

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# The right product for every application

| Poles | Modules | In [A] | Idn [mA] | Code | Description |
|---|---|---|---|---|---|
| 2P | 4 | 25 | 30 | **GWD4502** | RCCB 2P 25A IMPULSE RESIST.B/0.03 4M |
| | | | 300 | **GWD4504** | RCCB 2P 25A IMPULSE RESIST.B/0.3 4M |
| | | 40 | 30 | **GWD4507** | RCCB 2P 40A IMPULSE RESIST.B/0.03 4M |
| | | | 300 | **GWD4509** | RCCB 2P 40A IMPULSE RESIST.B/0.3 4M |
| | | 63 | 30 | **GWD4512** | RCCB 2P 63A IMPULSE RESIST.B/0.03 4M |
| | | | 300 | **GWD4514** | RCCB 2P 63A IMPULSE RESIST.B/0.3 4M |
| 4P | 4 | 25 | 30 | **GWD4527** | RCCB 4P 25A IMPULSE RESIST.B/0.03 4M |
| | | | 300 | **GWD4529** | RCCB 4P 25A IMPULSE RESIST.B/0.3 4M |
| | | 40 | 30 | **GWD4532** | RCCB 4P 40A IMPULSE RESIST.B/0.03 4M |
| | | | 300 | **GWD4534** | RCCB 4P 40A IMPULSE RESIST.B/0.3 4M |
| | | 63 | 30 | **GWD4537** | RCCB 4P 63A IMPULSE RESIST.B/0.03 4M |
| | | | 300 | **GWD4539** | RCCB 4P 63A IMPULSE RESIST.B/0.3 4M |

## Discover the full 90 IDP range at **www.gewiss.com**

| | Type **AC** | Type **A** | Type **A[IR]** | Type **F** | Type **B** |
|---|---|---|---|---|---|
| Alternating fault currents | ● | ● | ● | ● | ● |
| Pulsanting fault currents | | ● | ● | ● | ● |
| Immunity to untimely tripping | | | ● | ● | ● |
| Variable frequency fault currents up to 1 kHz | | | | ● | ● |
| Smooth DC fault currents | | | | | ● |

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