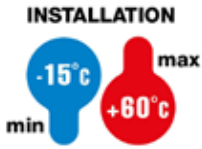


## 40 CDKI - PROTECTED MODULAR ENCLOSURES AND DISTRIBUTION BOARDS - IP40



**IK  
08**

**IP  
40**

**GWT  
650°C**



### SMOKED TRANSPARENT DOOR



GW 40 602

#### ENCLOSURES PREDISPOSED FOR TERMINAL BLOCK HOUSING WITH EXTRACTABLE FRAME - WHITE RAL 9016



| Code      | No. of modules<br>EN 50022 | Outer dim.<br>LxHxD (mm) | Dispersible<br>power (W) | Pack<br>Carton |
|-----------|----------------------------|--------------------------|--------------------------|----------------|
| GW 40 601 | 2                          | 83x160x74                | 12                       | 60             |
| GW 40 602 | 4                          | 120x160x85               | 18                       | 36             |
| GW 40 603 | 6                          | 200x170x85               | 19                       | 21             |
| GW 40 604 | 8                          | 240x195x85               | 20                       | 12             |
| GW 40 605 | 12                         | 330x270x85               | 36                       | 8              |
| GW 40 608 | 18                         | 465x310x85               | 50                       | 4              |

**CHARACTERISTICS:** GW40601, provided without the door and with the DIN rail fixed directly on the back plate.

Thermo-pressure with ball equal to 70 °C.

Flush-mounting boxes in 12 and 18 modules can be assembled side-by-side through the coupling tool code GW40425.

**ACCESSORIES SUPPLIED:** Module masks, circuit labels.

For GW40604, GW40605 and GW40608, self-adhesive labels to be filled out for certification according to standard CEI 23-51.

**NOTES:** Dissipated power calculated according to CEI 23-49.

Upon request, starting from the 8 modules version, flush-mounting boxes and cabinets (including frame and DIN rails) can be supplied separately.

**INSTALLATION:** For the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF FLUSH-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CDi range.



GW 40 604 BS

#### ENCLOSURES EQUIPPED WITH 80 A IP20 BIPOLAR SCREW TERMINAL BLOCK AND EXTRACTABLE FRAME - WHITE RAL 9016

| Code         | No. of modules<br>EN 50022 | Outer dim.<br>LxHxD (mm) | Dispersible<br>power (W) | Pole 1<br>(mm <sup>2</sup> ) | Pole 2<br>(mm <sup>2</sup> ) | Pack<br>Carton |
|--------------|----------------------------|--------------------------|--------------------------|------------------------------|------------------------------|----------------|
| GW 40 604 BS | 8                          | 240x195x85               | 20                       | N/E (2x16) + (7x10)          | N/E (2x16) + (7x10)          | 12             |
| GW 40 605 BS | 12                         | 330x270x85               | 36                       | N/E (3x16) + (11x10)         | N/E (3x16) + (11x10)         | 8              |
| GW 40 608 BS | 18                         | 465x310x85               | 50                       | N/E (3x16) + (17x10)         | N/E (3x16) + (17x10)         | 4              |

**CHARACTERISTICS:** Thermo-pressure with ball equal to 70°C. Bottoms of 12 and 18 module enclosures can be assembled side-by-side using combined coupling element GW40425.

**ACCESSORIES SUPPLIED:** module masks, circuit labels. Self-adhesive labels to be filled out for certification according to standard CEI 23-51. Insulated bipolar screw 80A - IP20 terminal blocks to be installed on the frame before wiring.

**NOTES:** dispersible power calculated according to CEI 23-49. Upon request, flush-mounting boxes and cabinets (including frame and DIN rails) can be supplied separately.



GW 40 606

#### DISTRIBUTION BOARDS WITH WINDOWED PANEL AND EXTRACTABLE FRAME PREDISPOSED FOR TERMINAL BLOCK HOUSING - WHITE RAL 9016



| Code      | No. of modules<br>EN 50022 | Outer dim.<br>LxHxD (mm) | Dispersible<br>power (W) | Pack<br>Carton |
|-----------|----------------------------|--------------------------|--------------------------|----------------|
| GW 40 606 | 24 (12X2)                  | 330x420x85               | 37                       | 6              |
| GW 40 609 | 36 (18x2)                  | 465x505x85               | 52                       | 3              |
| GW 40 610 | 54 (18x3)                  | 465x680x95               | 62                       | 2              |
| GW 40 611 | 72 (18x4)                  | 465x880x95               | 95                       | 1              |

**ACCESSORIES SUPPLIED:** Module masks, circuit labels. Self-adhesive label to be filled out for certification according to standard CEI 23-51.

**NOTES:** Dissipated power calculated according to CEI 23-49.

Upon request, flush-mounting boxes and cabinets (including frame and DIN rails) can be supplied separately.

**CHARACTERISTICS:** Lead sealable and removable panels with windows. Thermo-pressure with ball equal to 70 °C.

Flush-mounting boxes can be assembled side-by-side through the coupling tool code GW40425.

**INSTALLATION:** For the possible enclosure-terminal block combinations, refer to the summary "COMPATIBILITY OF FLUSH-MOUNTING ENCLOSURES WITH BIPOLAR AND UNIPOLAR TERMINAL BLOCKS" in the selection guides of 40CDi range.

## 40 CDK<sub>i</sub> - MODULAR PROTECTED ENCLOSURES AND DISTRIBUTION BOARDS - IP40

### TECHNICAL CHARACTERISTICS

|                                                                              |
|------------------------------------------------------------------------------|
| Standard: IEC EN 606070-1 (CEI 23-48); IEC EN 60670-24 (CEI 23-49) (*)       |
| Suitable for assemblies in compliance with IEC EN 61439-1 and IEC EN 61439-3 |
| Degree of protection: IP40                                                   |
| Protection against indirect contact: double insulation - □ (•)               |
| Installation temperature: max. +60°C; min. -15°C                             |
| Rated voltage: 400V                                                          |
| Rated insulation voltage: 750V                                               |
| Rated current: 125A                                                          |

|                                                                                                           |
|-----------------------------------------------------------------------------------------------------------|
| Material: technopolymer GW PLAST.                                                                         |
| Enclosures predisposed for terminal blocks: halogen-free in accordance with EN 60754-2 (CEI EN 50267-2-2) |
| Impact resistance: IK 08                                                                                  |
| Heat resistance: thermo-pressure with ball 70°C                                                           |
| Resistance to abnormal heat and fire: Glow wire test 650°C                                                |
| Applications: for brickwork walls                                                                         |
| Use: indoor                                                                                               |

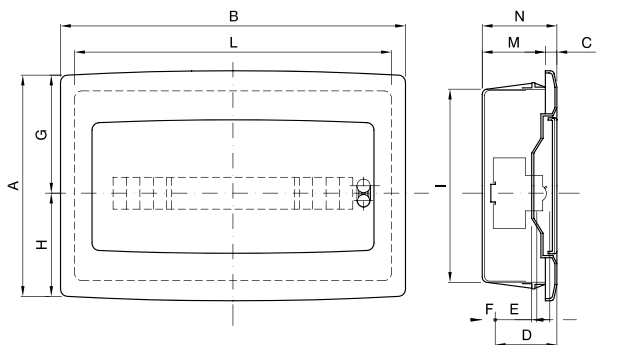
(•) Complete insulation, in accordance with EN 61140 Standard.  
 (\*) Enclosure type: GP (CEI 23-51) and PD

### BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

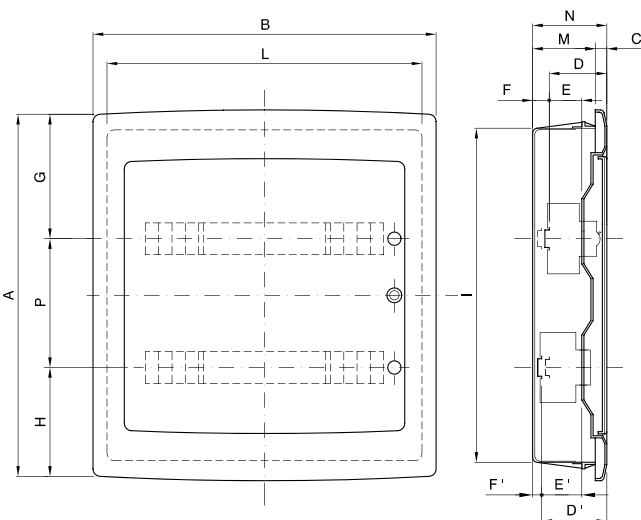
| Saline solution | Acids         |                    | Bases         |                    | Solvents  |               |               |                    | Mineral oil        | UV rays            |
|-----------------|---------------|--------------------|---------------|--------------------|-----------|---------------|---------------|--------------------|--------------------|--------------------|
|                 | Concentrated  | Diluted            | Concentrated  | Diluted            | Hexane    | Benzol        | Acetone       | Ethyl alcohol      |                    |                    |
| Resistant       | Not resistant | Limited resistance | Not resistant | Limited resistance | Resistant | Not resistant | Not resistant | Limited resistance | Limited resistance | Limited resistance |

### Dimension tables

#### ENCLOSURES AND DISTRIBUTION BOARDS



|     | Code         | Overall dimensions |     |    |     | Modular assembly |    |    |     | Fixing |     |     |    |
|-----|--------------|--------------------|-----|----|-----|------------------|----|----|-----|--------|-----|-----|----|
|     |              | A                  | B   | C  | N   | D                | E  | F  | G   | H      | I   | L   | M  |
| 2M  | GW 40 601    | 160                | 83  | 8  | 82  | -                | 48 | 16 | 80  | 80     | 129 | 55  | 74 |
| 4M  | GW 40 602    | 160                | 120 | 12 | 97  | 75               | 48 | 14 | 80  | 80     | 138 | 111 | 85 |
|     | GW 40 882    |                    |     |    |     |                  |    |    |     |        |     |     |    |
| 6M  | GW 40 603    | 170                | 200 | 12 | 97  | 75               | 48 | 14 | 90  | 80     | 138 | 165 | 85 |
|     | GW 40 883    |                    |     |    |     |                  |    |    |     |        |     |     |    |
| 8M  | GW 40 604    | 193                | 240 | 12 | 97  | 75               | 48 | 14 | 105 | 90     | 162 | 200 | 85 |
|     | GW 40 604 BS |                    |     |    |     |                  |    |    |     |        |     |     |    |
|     | GW 40 884    |                    |     |    |     |                  |    |    |     |        |     |     |    |
| 12M | GW 40 605    | 270                | 330 | 16 | 101 | 75               | 48 | 17 | 148 | 122    | 230 | 290 | 85 |
|     | GW 40 605 BS |                    |     |    |     |                  |    |    |     |        |     |     |    |
|     | GW 40 885    |                    |     |    |     |                  |    |    |     |        |     |     |    |
| 18M | GW 40 608    | 310                | 465 | 16 | 101 | 75               | 48 | 17 | 165 | 145    | 260 | 427 | 85 |
|     | GW 40 608 BS |                    |     |    |     |                  |    |    |     |        |     |     |    |
|     | GW 40 888    |                    |     |    |     |                  |    |    |     |        |     |     |    |



|     | Code         | Overall dimensions |     |    |     | Modular assembly |    |    |     |     |     | Fixing |    |    |     |     |    |
|-----|--------------|--------------------|-----|----|-----|------------------|----|----|-----|-----|-----|--------|----|----|-----|-----|----|
|     |              | A                  | B   | C  | N   | D                | E  | F  | G   | H   | P   | D'     | E' | F' | I   | L   | M  |
| 24M | GW 40 606    | 420                | 330 | 16 | 101 | 75               | 48 | 17 | 148 | 122 | 150 | -      | -  | -  | 380 | 290 | 85 |
|     | GW 40 606 BS |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |
|     | GW 40 606 BD |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |
|     | GW 40 886    |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |
|     | GW 40 886 BS |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |
| 36M | GW 40 609    | 505                | 465 | 16 | 101 | 75               | 48 | 17 | 175 | 155 | 175 | -      | -  | -  | 465 | 427 | 85 |
|     | GW 40 609 BS |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |
|     | GW 40 609 BD |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |
|     | GW 40 889    |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |
|     | GW 40 889 BS |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |
| 54M | GW 40 610    | 680                | 465 | 25 | 120 | 75               | 48 | 37 | 175 | 155 | 175 | 101    | 74 | 11 | 630 | 415 | 95 |
|     | GW 40 610 BD |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |
|     | GW 40 610 BT |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |
|     | GW 40 890    |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |
|     | GW 40 890 BD |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |
| 72M | GW 40 611    | 880                | 465 | 25 | 120 | 75               | 48 | 37 | 175 | 155 | 175 | 101    | 74 | 11 | 805 | 415 | 95 |
|     | GW 40 611 BD |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |
|     | GW 40 611 BQ |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |
|     | GW 40 891    |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |
|     | GW 40 891 BD |                    |     |    |     |                  |    |    |     |     |     |        |    |    |     |     |    |