

# HDPZ50 Series Consumer Box

Standard: IEC60439-1 IEC60670



## Function

HDPZ50 series Consumer Box provide:

- Protection against overload
- Protection against over voltage
- Protection against leakage

## Order Information



| Material                          | Installation                          | No.of loop         | Reference            |                 |
|-----------------------------------|---------------------------------------|--------------------|----------------------|-----------------|
| Metal box&Plastic Cover           | Surface installation                  | 6                  | HDPZ50M6             |                 |
|                                   |                                       | 8                  | HDPZ50M8             |                 |
|                                   |                                       | 12                 | HDPZ50M1 2           |                 |
|                                   |                                       | 16                 | HDPZ50M1 6           |                 |
|                                   |                                       | 20                 | HDPZ50M20            |                 |
|                                   |                                       | 24                 | HDPZ50M24            |                 |
|                                   | Flush installation                    | 6                  | HDPZ50R6             |                 |
|                                   |                                       | 8                  | HDPZ50R8             |                 |
|                                   |                                       | 12                 | HDPZ50R1 2           |                 |
|                                   |                                       | 16                 | HDPZ50R1 6           |                 |
|                                   |                                       | 20                 | HDPZ50R20            |                 |
|                                   |                                       | 24                 | HDPZ50R24            |                 |
| Material                          | Installation                          | No.of loop         | Reference            |                 |
| Full Plastic<br>(fire-retardancy) | Surface installation                  | 4                  | HDPZ50PM41P30F       |                 |
|                                   |                                       | 6                  | HDPZ50PM61P30F       |                 |
|                                   |                                       | 8                  | HDPZ50PM8IP30F       |                 |
|                                   |                                       | 12                 | HDPZ50PM121P30F      |                 |
|                                   |                                       | 15                 | HDPZ50PM151P30F      |                 |
|                                   |                                       | 18                 | HDPZ50PM18IP30F      |                 |
|                                   |                                       | 24                 | HDPZ50PM24IP30F      |                 |
|                                   |                                       | 36                 | HDPZ50PM36IP30F      |                 |
|                                   |                                       | Flush installation | 4                    | HDPZ50PR41P30F  |
|                                   | 6                                     |                    | HDPZ50PR61P30F       |                 |
|                                   | 8                                     |                    | HDPZ50PR8IP30F       |                 |
|                                   | 12                                    |                    | HDPZ50PR121P30F      |                 |
|                                   | 15                                    |                    | HDPZ50PR151P30F      |                 |
|                                   | 18                                    |                    | HDPZ50PR18IP30F      |                 |
|                                   | 24                                    |                    | HDPZ50PR24IP30F      |                 |
|                                   | 36                                    |                    | HDPZ50PR36IP30F      |                 |
|                                   | Full Plastic<br>(Non fire-retardancy) |                    | Surface installation | 4               |
|                                   |                                       | 6                  |                      | HDPZ50PM61P30NF |
| 8                                 |                                       | HDPZ50PM8IP30NF    |                      |                 |
| 12                                |                                       | HDPZ50PM121P30NF   |                      |                 |
| 15                                |                                       | HDPZ50PM151P30NF   |                      |                 |
| 18                                |                                       | HDPZ50PM18IP30NF   |                      |                 |
| 24                                |                                       | HDPZ50PM24IP30NF   |                      |                 |
| 36                                |                                       | HDPZ50PM36IP30NF   |                      |                 |
| Flush installation                |                                       | 4                  |                      | HDPZ50PR41P30NF |
|                                   |                                       | 6                  | HDPZ50PR61P30NF      |                 |
|                                   |                                       | 8                  | HDPZ50PR8IP30NF      |                 |
|                                   |                                       | 12                 | HDPZ50PR121P30NF     |                 |
|                                   |                                       | 15                 | HDPZ50PR151P30NF     |                 |
|                                   |                                       | 18                 | HDPZ50PR18IP30NF     |                 |
|                                   |                                       | 24                 | HDPZ50PR24IP30NF     |                 |
|                                   |                                       | 36                 | HDPZ50PR36IP30NF     |                 |

Final Distribution

# HDPZ50 Series Consumer Box

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## Technical Data

|                         |                            |              |
|-------------------------|----------------------------|--------------|
| Type                    | HDPZ50                     | HDPZ50P      |
| Material                | Box: Metal, Cover: Plastic | Full Plastic |
| Fire-resistancy         | Fire-resistancy            | Optional     |
| Protection grade        | IP30                       |              |
| Rated operation voltage | 230/400V                   |              |
| Rated insulated voltage | 500V                       |              |
| Rated operating current | 100A                       |              |
| Withstand current       | 6kA                        |              |

## Overall Dimensions

Unit:mm

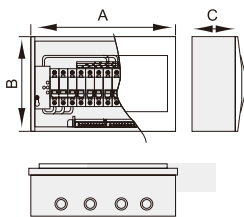
### HDPZ50

| Metal box&Plastic Cover | Surface installation |     | Flush installation |     | Thickness C |
|-------------------------|----------------------|-----|--------------------|-----|-------------|
|                         | A                    | B   | A                  | B   |             |
| 6                       | 171                  | 220 | 163                | 200 | 90          |
| 8                       | 207                  | 220 | 199                | 200 | 90          |
| 12                      | 279                  | 220 | 272                | 200 | 90          |
| 16                      | 351                  | 220 | 343                | 200 | 90          |
| 20                      | 423                  | 220 | 413                | 200 | 90          |
| 24                      | 303                  | 383 | 282                | 364 | 90          |

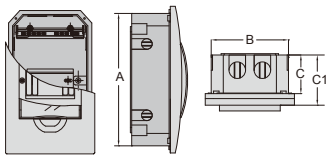
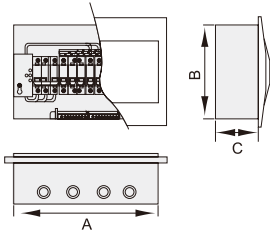
### HDPZ50P

| Full plastic Loop number | Dimension for hidden installation |       |           |    | Dimension for surface installation |       |           |                        |     |  |
|--------------------------|-----------------------------------|-------|-----------|----|------------------------------------|-------|-----------|------------------------|-----|--|
|                          | Height                            | Width | Thickness |    | Height                             | Width | Thickness | Installation Dimension |     |  |
|                          | A                                 | B     | C         | C1 | D                                  | E     | F         | H                      | I   |  |
| 4                        | 200                               | 114   | 61        | 78 | 200                                | 112   | 91        | 138                    | -   |  |
| 6                        | 200                               | 150   | 61        | 78 | 200                                | 147   | 96        | 144                    | -   |  |
| 8                        | 200                               | 186   | 61        | 78 | 200                                | 183   | 96        | 144                    | -   |  |
| 12                       | 196                               | 258   | 61        | 78 | 200                                | 255   | 96        | 144                    | -   |  |
| 15                       | 198                               | 311   | 61        | 78 | 200                                | 310   | 96        | 144                    | -   |  |
| 18                       | 216                               | 363   | 61        | 78 | 218                                | 362   | 96        | 162                    | 290 |  |
| 24                       | 310.5                             | 261   | 74.5      | 92 | 324                                | 270   | 102       | 230                    | 207 |  |
| 36                       | 414.5                             | 261   | 70.5      | 88 | 459                                | 270   | 102       | 418                    | 207 |  |

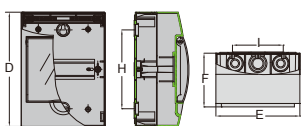
Surface installation



Flush installation



Surface installation



# HJXF Metal Enclosure

Standard: EN60529



## Function

HJXF Metal Enclosure provide:

- Control, monitoring, measurement and protection for the electric power loops and main power controlling equipment.

## Order Information

| Type                          | Thickness of iron charge(mm) | Dimension(mm) |     |     |              |     |          |     |       |   | Lock         | Reference |
|-------------------------------|------------------------------|---------------|-----|-----|--------------|-----|----------|-----|-------|---|--------------|-----------|
|                               |                              | Overall       |     |     | Installation |     | Mounting |     |       |   |              |           |
|                               |                              | H             | W   | D   | H1           | B1  | H6       | B6  | Thick |   |              |           |
| HJXF—2520 / 14 IP43 Improved  | 1.0                          | 250           | 200 | 140 | 290          | 150 | 170      | 158 | 1.0   | 1 | HJXF252014B  |           |
| HJXF—3025 / 14 IP43 Improved  | 1.0                          | 300           | 250 | 140 | 340          | 200 | 220      | 208 | 1.0   | 1 | HJXF302514B  |           |
| HJXF—3025 / 18 IP43 Improved  | 1.0                          | 300           | 250 | 180 | 340          | 200 | 220      | 208 | 1.0   | 1 | HJXF302518B  |           |
| HJXF—3030 / 14 IP43 Improved  | 1.0                          | 300           | 300 | 140 | 340          | 250 | 220      | 258 | 1.0   | 1 | HJXF303014B  |           |
| HJXF—3030 / 18 IP43 Improved  | 1.0                          | 300           | 300 | 200 | 340          | 250 | 220      | 258 | 1.0   | 1 | HJXF303018B  |           |
| HJXF—4030 / 14 IP43 Improved  | 1.0                          | 400           | 300 | 140 | 440          | 250 | 320      | 258 | 1.0   | 1 | HJXF403014B  |           |
| HJXF—4030 / 20 IP43 Improved  | 1.0                          | 400           | 300 | 200 | 440          | 250 | 320      | 258 | 1.0   | 1 | HJXF403020B  |           |
| HJXF—5040 / 14 IP43 Improved  | 1.0                          | 500           | 400 | 250 | 540          | 350 | 420      | 358 | 1.0   | 2 | HJXF504014B  |           |
| HJXF—5040 / 20 IP43 Improved  | 1.0                          | 500           | 400 | 140 | 540          | 350 | 420      | 358 | 1.0   | 2 | HJXF504020B  |           |
| HJXF—5040 / 25 IP43 Improved  | 1.0                          | 500           | 400 | 200 | 540          | 350 | 420      | 358 | 1.0   | 2 | HJXF504025B  |           |
| HJXF—6040 / 14 IP43 Improved  | 1.2                          | 600           | 400 | 250 | 640          | 350 | 520      | 358 | 1.2   | 2 | HJXF604014B  |           |
| HJXF—6040 / 20 IP43 Improved  | 1.2                          | 600           | 400 | 140 | 640          | 350 | 520      | 358 | 1.2   | 2 | HJXF604020B  |           |
| HJXF—6040 / 25 IP43 Improved  | 1.2                          | 600           | 400 | 200 | 640          | 350 | 520      | 358 | 1.2   | 2 | HJXF604025B  |           |
| HJXF—6050 / 14 IP43 Improved  | 1.2                          | 600           | 500 | 250 | 640          | 450 | 520      | 458 | 1.2   | 2 | HJXF605014B  |           |
| HJXF—6050 / 20 IP43 Improved  | 1.2                          | 600           | 500 | 140 | 640          | 450 | 520      | 458 | 1.2   | 2 | HJXF605020B  |           |
| HJXF—6050 / 25 IP43 Improved  | 1.2                          | 600           | 500 | 160 | 640          | 450 | 520      | 458 | 1.2   | 2 | HJXF605025B  |           |
| HJXF—7050 / 16 IP43 Improved  | 1.2                          | 700           | 500 | 200 | 740          | 450 | 620      | 458 | 1.2   | 2 | HJXF705016B  |           |
| HJXF—7050 / 20 IP43 Improved  | 1.2                          | 700           | 500 | 250 | 740          | 450 | 620      | 458 | 1.2   | 2 | HJXF705020B  |           |
| HJXF—7050 / 25 IP43 Improved  | 1.2                          | 700           | 500 | 200 | 740          | 450 | 620      | 458 | 1.2   | 2 | HJXF705025B  |           |
| HJXF—8060 / 20 IP43 Improved  | 1.5                          | 800           | 600 | 250 | 840          | 550 | 720      | 558 | 1.5   | 2 | HJXF806020B  |           |
| HJXF—8060 / 25 IP43 Improved  | 1.5                          | 800           | 600 | 250 | 840          | 550 | 720      | 558 | 1.5   | 2 | HJXF806025B  |           |
| HJXF—10080 / 20 IP43 Improved | 1.5                          | 1000          | 800 | 200 | 1040         | 750 | 920      | 758 | 1.5   | 2 | HJXF1008020B |           |
| HJXF—10080 / 25 IP43 Improved | 1.5                          | 1000          | 800 | 250 | 1040         | 750 | 920      | 758 | 1.5   | 2 | HJXF1008025B |           |
| HJXF—10080 / 30 IP43 Improved | 1.5                          | 1000          | 800 | 300 | 1040         | 750 | 920      | 758 | 1.5   | 2 | HJXF1008030B |           |

Final Distribution

# HJXF Metal Enclosure

Standard: EN60529

CE

## Technical Data



|                          |                     |
|--------------------------|---------------------|
| Type                     | HJXF IP43 Improved  |
| Protection grade         | IP43                |
| Standard:                | EN60529             |
| Certificate              | CE                  |
| Rated voltage            | 220/400V            |
| Rated insulated voltage  | 660V                |
| Rated operating current  | 400A                |
| Withstand current        | 15kA                |
| Sheet thickness          | 1.0~1.5mm           |
| Mounting plate thickness | 1.0~1.5mm           |
| Hinge                    | Enhanced            |
| Sealing rubber gasket    | Black rubber gasket |
| Cable gland              | bottom only         |

## Overall Dimensions

Unit: mm

