# HMD Series Metal Distribution Box

Standard: IEC61439-3

## Function

**HMD Metal DB provide:**

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

## Order Information

| DB type | Installation | No. of Ways | |
|---|---|---|---|
| Single phase | Flush installation | 2+4 | HMDSF6 |
| | | 2+6 | HMDSF8 |
| | | 2+8 | HMDSF10 |
| | | 2+10 | HMDSF12 |
| | | 2+12 | HMDSF14 |
| | | 2+14 | HMDSF16 |
| | | 2+16 | HMDSF18 |
| | Surface installation | 2+4 | HMDSS6 |
| | | 2+6 | HMDSS8 |
| | | 2+8 | HMDSS10 |
| | | 2+10 | HMDSS12 |
| | | 2+12 | HMDSS14 |
| | | 2+14 | HMDSS16 |
| | | 2+16 | HMDSS18 |
| Three phase | Flush installation | 4 | HMDTF4 |
| | | 6 | HMDTF6 |
| | | 8 | HMDTF8 |
| | | 12 | HMDTF12 |
| | | 14 | HMDTF14 |
| | Surface installation | 4 | HMDTS4 |
| | | 6 | HMDTS6 |
| | | 8 | HMDTS8 |
| | | 12 | HMDTS12 |
| | | 14 | HMDTS14 |
| Vertical three phase | Flush installation | 4 | HMDVTF4 |
| | | 6 | HMDVTF6 |
| | | 8 | HMDVTF8 |
| | | 10 | HMDVTF10 |
| | | 13 | HMDVTF12 |
| | | 16 | HMDVTF16 |
| | Surface installation | 4 | HMDVTS4 |
| | | 6 | HMDVTS6 |
| | | 8 | HMDVTS8 |
| | | 10 | HMDVTS10 |
| | | 13 | HMDVTS12 |
| | | 16 | HMDVTS16 |









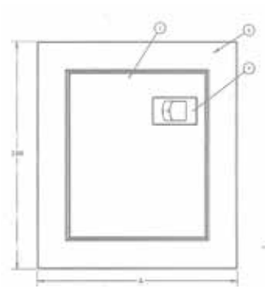
# HMD Series Metal Distribution Box

Standard: IEC61439-3

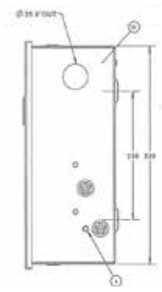
| Technical Data | | | |
|---|---|---|---|
| **Type** | **SPN** | **TPN** | **VTPN** |
| Protection Grade | IP42 | | |
| Standard | EN60529 | | |
| U box thickness | 0.8mm | 1.0mm | 1.0mm |
| Door thickness | 1.0mm | | |
| Breaker mounting type | DIN rail type | | |

## Order Information

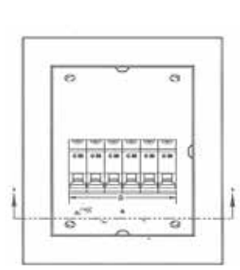
**SPN flush mounting**



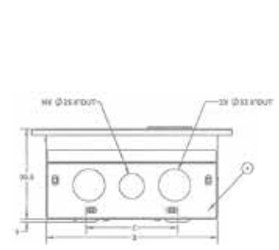
FRONT VIEW



SIDE VIEW



FRONT VIEW
(DOOR REMOVED)



BOTTOM VIEW

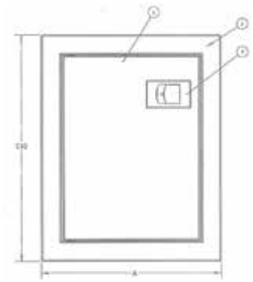
| DESCRIPTION | A | B | C | D | N'BAR | E'BAR |
|---|---|---|---|---|---|---|
| 4 WAY | 166 | 136 | 56 | 72 | 4T*1 | 4T*1 |
| 6 WAY | 202 | 172 | 92 | 108 | 4T*1 | 4T*1 |
| 8 WAY | 238 | 208 | 128 | 144 | 6T*1 | 6T*1 |
| 10 WAY | 274 | 244 | 164 | 180 | 10T*1 | 10T*1 |
| 12 WAY | 310 | 280 | 200 | 216 | 10T*1 | 10T*1 |
| 16 WAY | 382 | 352 | 272 | 288 | 6T*2 | 15T*1 |
| 20 WAY | 454 | 424 | 344 | 360 | 10T*2 | 10T*2 |

# HMD Series Metal Distribution Box

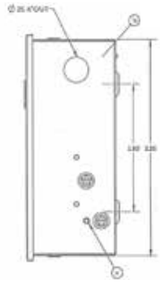
Standard: IEC61439-3

## Order Information

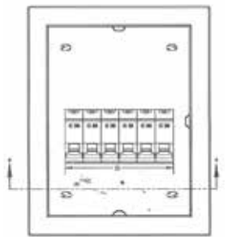
### SPN surface mounting



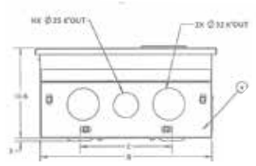
FRONT VIEW



SIDE VIEW



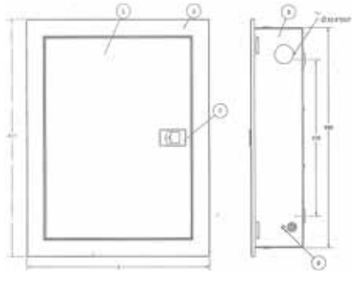
FRONT VIEW
(DOOR REMOVED)



BOTTOM VIEW

| DESCRIPTION | A | B | C | D | N'BAR | E'BAR |
|---|---|---|---|---|---|---|
| 4 WAY | 146 | 136 | 56 | 72 | 4T*1 | 4T*1 |
| 6 WAY | 182 | 172 | 92 | 108 | 4T*1 | 4T*1 |
| 8 WAY | 218 | 208 | 128 | 144 | 6T*1 | 6T*1 |
| 10 WAY | 254 | 244 | 164 | 180 | 10T*1 | 10T*1 |
| 12 WAY | 290 | 280 | 200 | 216 | 10T*1 | 10T*1 |
| 16 WAY | 362 | 352 | 272 | 288 | 6T*2 | 15T*1 |
| 20 WAY | 434 | 424 | 344 | 360 | 10T*2 | 10T*2 |

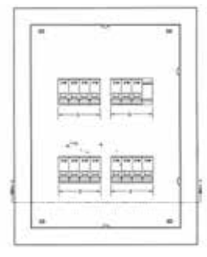
### TPN flush mounting



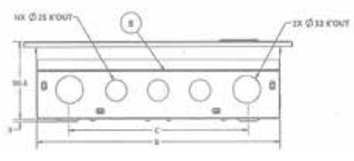
FRONT VIEW



SIDE VIEW



FRONT VIEW
(DOOR REMOVED)



BOTTOM VIEW

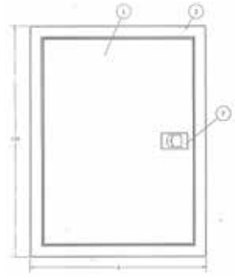
| DESCRIPTION | A | B | C | D | E | N'BAR | E'BAR |
|---|---|---|---|---|---|---|---|
| 4 WAY | 315 | 285 | 210 | 72 | 72 | 6T*2 | 6T*2 |
| 4 WAY | 387 | 357 | 282 | 72 | 144 | 6T*2 | 6T*2 |
| 6 WAY | 423 | 393 | 318 | 108 | 144 | 10T*2 | 10T*2 |
| 8 WAY | 459 | 429 | 354 | 144 | 144 | 12T*2 | 12T*2 |
| 12 WAY | 603 | 573 | 498 | 216 | 144 | 18T*2 | 18T*2 |



# HMD Series Metal Distribution Box

Standard: IEC61439-3

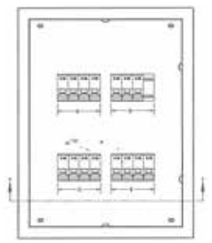
### SPN surface mounting



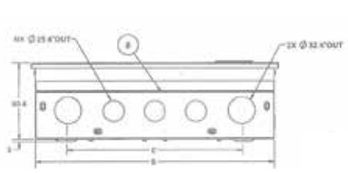
FRONT VIEW



SIDE VIEW



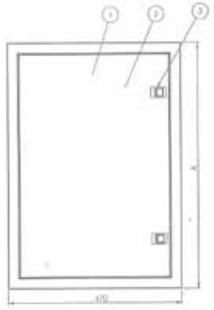
FRONT VIEW
(DOOR REMOVED)



BOTTOM VIEW

| DESCRIPTION | A | B | C | D | E | N'BAR | E'BAR |
|---|---|---|---|---|---|---|---|
| 4 WAY | 295 | 285 | 210 | 72 | 72 | 6T*2 | 6T*2 |
| 4 WAY | 367 | 357 | 282 | 72 | 144 | 6T*2 | 6T*2 |
| 6 WAY | 403 | 393 | 318 | 108 | 144 | 10T*2 | 10T*2 |
| 8 WAY | 439 | 429 | 354 | 144 | 144 | 12T*2 | 12T*2 |
| 12 WAY | 583 | 573 | 498 | 216 | 144 | 18T*2 | 18T*2 |

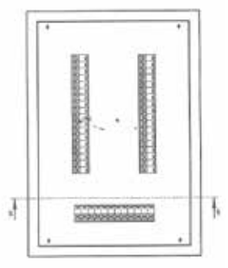
### VTPN flush mounting



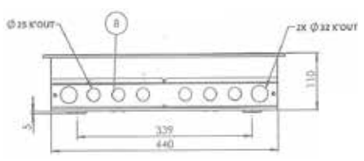
FRONT VIEW



SIDE VIEW



FRONT VIEW
(DOOR REMOVED)



BOTTOM VIEW

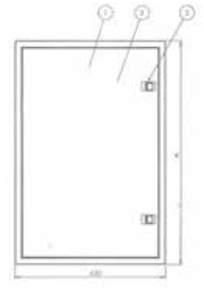
| DESCRIPTION | A | B | C | E'BAR | N'BAR |
|---|---|---|---|---|---|
| 4 WAY | 457 | 449 | 331 | 6T*2 | 6T*2 |
| 6 WAY | 511 | 503 | 385 | 10T*2 | 10T*2 |
| 8 WAY | 565 | 557 | 439 | 12T*2 | 12T*2 |
| 12 WAY | 673 | 665 | 547 | 18T*2 | 18T*2 |

# HMD Series Metal Distribution Box

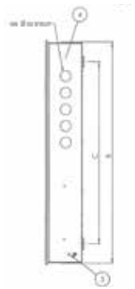
Standard: IEC61439-3

## Order Information

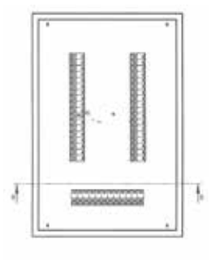
**VTPN surface mounting**



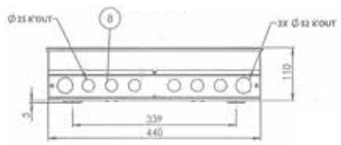
FRONT VIEW



SIDE VIEW



FRONT VIEW
(DOOR REMOVED)




BOTTOM VIEW

| DESCRIPTION | A | B | C | E'BAR | N'BAR |
|---|---|---|---|---|---|
| 4 WAY | 457 | 449 | 331 | 6T*2 | 6T*2 |
| 6 WAY | 511 | 503 | 385 | 10T*2 | 10T*2 |
| 8 WAY | 565 | 557 | 439 | 12T*2 | 12T*2 |
| 12 WAY | 673 | 665 | 547 | 18T*2 | 18T*2 |