

## Cable distribution cabinet Type: UCH for outdoor installation

**Design:** Self-supporting plastic housing according to  
DIN 43 629 made from glass-fibre  
reinforced polyester SMC

**Electrical and mechanical characteristics:**

|                  |                  |
|------------------|------------------|
| DIN VDE 0660/500 | DIN VDE 0660/503 |
| EN 60 439-1      | IEC 439-1        |
| IEC 439-5        | DIN 43 629       |

|                                  |                                               |    |              |
|----------------------------------|-----------------------------------------------|----|--------------|
| Product standard:                | DIN 43 629 Teil 1-3                           |    |              |
| Rated operational voltage:       | Ue                                            | V~ | 400          |
| Rated insulation voltage:        | Ui                                            | V~ | 690          |
| Rated impulse withstand voltage: | Uimp                                          | KV | 7,2 1,2/50µs |
| Short-circuit resistance:        |                                               | kA | 25 1s        |
| Peak value:                      |                                               | kA | 56,6         |
| IP protection system:            | IP 44                                         |    |              |
| Marking facility:                | Prepared for 15 alpha numeric characters      |    |              |
| Aeration:                        | Labyrinth in the base and roof range          |    |              |
| Closing:                         | Swing-spagnolet lock with three point closing |    |              |
| Double closing:                  | Option                                        |    |              |
| Burst-protection:                | Option                                        |    |              |
| Cabinet-coupling:                | Option                                        |    |              |

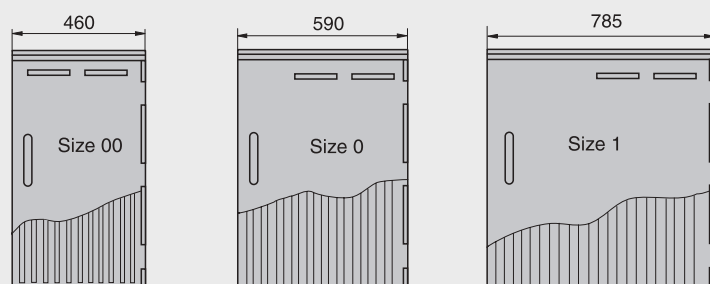
**Executions:** without installation or with subplate  
with busbar-system for mounting fuse rails  
Customer required design

UCHSD: Self-supporting (without frame)  
Side parts with press-on mounting for busbars  
UCHISD: Fully insulated plastic frame with busbar mounting  
Housing removable  
UCHSDZ: Fixing tappet on rear wall for subplate

**Surface:** All parts smooth, door smooth or corrugated

**Accessories:** Plastic base type SKS according to DIN 43 629,  
Circuit diagram pocket A5 / A4  
Interior lighting with or without shock-proof  
coupling  
Mountings for reserve fuses  
Subplate

Technical characteristics q.v. "Polyester-SMC - basic material"



smooth surface



corrugated surface

Number of circuit strips by bore hole gauge

| DIN size | 100 mm | 110 mm |
|----------|--------|--------|
| 00       | 4      | 3      |
| 0        | 5      | 4      |
| 1        | 7      | 6      |
| 2        | 10     | 9      |

