

## **technoDISC**

### **THE THERMOPLASTIC DESIGN ENCLOSURE FOR ELECTRONICS & DEVICES**

#### **IP 66 - Optional: IP 67**

##### **The key product features:**

- Enclosure material: ASA + PC
- Enclosure colour similar to RAL 7035
- Clip-on Design covers
- The enclosure can be mounted when the lid is fitted
- Integrated recess to accommodate membrane keypad or front plate
- Fastening options in the enclosure bottom for internal mountings
- Lid screws stainless steel 1.4567
- Fire protection class UL-94 V0
- Enclosure seal: silicone moulded seal

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technoDISC is a unique range of high performance plastic enclosures for industrial electronics. It is especially ideal for Industry 4.0 and IIOT applications.

The enclosures have a modern and highly attractive individual appearance with no visible fixing screws. Dark grey snap-on lid trims hide all of the assembly and mounting screws — providing tamper protection. The lid is recessed for locating a membrane keypad, front plate or product label.

technoDISC is available in four standard sizes with plenty of space inside for PCBs and electronic components. The enclosure can be mounted without opening the lid using the separate mounting channels (protecting the electronics inside). Screw pillars are moulded in the lid and base sections for fitting PCBs, mounting plates and electronic assemblies.

Accessory lid retaining straps, internal mounting plates and cable glands are available.

#### **Enclosure sizes**

4

#### **Further information**

Integrated recesses for membrane keypads or front plates

Functional and extensive range of accessories

#### **Enclosure**

ASA+PC, similar to RAL 7035 light grey

Special material on request

2° mould slope for casting ejection, internal circumference dimensions decrease by 2° towards the enclosure base

Clip-on design covers, plastic polyoxymethylene (POM), RAL 7016 anthracite grey

#### **Flammability**

UL 94 V-0

### **Fastening**

Separate screw channels outside of the enclosure interior, enclosure to be fastened while the lid is closed

### **Internal mountings**

Fastening option for self-grooving screws on the base of the enclosure and in the lid

### **Ingress protection**

IP 66 / EN 60529

Optional: IP 67 / EN 60529

### **Gasket**

Silicone moulded gasket



Optional: EMC gasket

### **Lid screws**

Stainless steel 1.4567, captive

### **ROLEC Service**

Utilise our [full service offer for installation-ready enclosures](#)

| Photo   | No.         | Type   | Length L | Width W | Height H | Gasket H | Optional available  |
|---|-------------|--------|----------|---------|----------|----------|---|
|  | 285.080.000 | TD 080 | 110      | 97      | 55       |          | - Protection Class IP 67<br>- Supporting rail for series terminals<br>- EMC-Shielding |
|  | 285.100.000 | TD 100 | 130      | 119     | 65       |          | - Protection Class IP 67<br>- EMC-Shielding<br>- Supporting rail for series terminals |
|  | 285.120.000 | TD 120 | 150      | 139     | 80       |          | - Protection Class IP 67<br>- EMC-Shielding<br>- Supporting rail for series terminals |
|  | 285.160.000 | TD 160 | 190      | 179     | 90       |          | - Protection Class IP 67<br>- EMC-Shielding<br>- Supporting rail for series terminals |