



3E0659N-1PTE

Overview

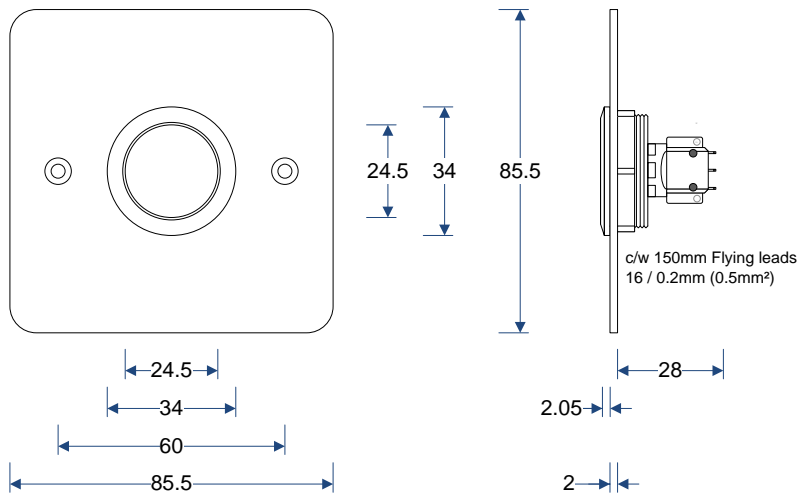
The 3E0659N-1PTE vandal resistant button is highly suitable for applications in harsh environments. Panel sealed to IP67 (front side actuation area) and IK 07 shock resistance. Both switch body and switch actuator are machined precisely from quality stainless steel to stringent tolerances. The switch has a machined return which accommodates the neoprene "o" ring to seal the unit to the panel without visible signs of the washer.

A panel projection of just 2.05mm increases the resistance to attack.

The switch has a momentary contact providing one normally open, one normally closed and one common terminal (terminals are soldered with 16/0.2mm and then a chloroprene sleeve is positioned to increase protection).

Product is supplied flush mount, complete with fixings and a single gang, 35mm galvanised steel electrical backbox.

Dimensions (mm) :



- IP67 Ingress protection
- Impact rating – IK07
- Momentary contact
- RoHS Compliant
- DIN EN 61058-1
- UL 1054

Technical

| | |
|-----------------------|--|
| Switching function | Momentary, N/O, NC, C |
| Number of poles | 1 |
| Contact material | Ag |
| Switching current | Max. 2A 12/24Vdc |
| Lifetime (electrical) | 0.2 million actuations |
| Contact resistance | <30mΩ |
| Insulation resistance | <100mΩ |
| Duration of bounce | <5 ms |
| Actuating force | 4.5N |
| Actuator travel | 1.0mm |
| Lifetime (mechanical) | 1.5 million actuations |
| Shock protection | IK 07 |
| Operating temperature | -25 to +85°C |
| IP protection | IP67 front side contact area |
| Salt spray test | DIN 50021-SS 24/48/96 h residence time |
| Housing / actuator | Stainless steel |
| Circuit form | |

Technical (panel)

| | |
|----------|-------------------------------|
| Material | G304 Stainless steel |
| Dims | 85.5 x 85.5 x 2mm |
| Legend | Screen print self etching ink |