

■ DCS Enclosures

June 2021

Outdoor electronic enclosures

ECS (Environmental Case System) Mini

Protect your electronics from harsh environments with the new ECS Mini. With an IP69 rating, -40° to 100°C operating temperature range, UV resistance, shock, vibration, and impact testing approvals, this smaller version of the popular ECS enclosure was engineered to withstand the harshest environments. Improvements include a redesigned mechanical latch for easier opening, an integrated pole mount, and new PCB mounting features to prevent misalignment and accelerate assembly times. These enclosures are ideal for the agriculture, renewable energy, transportation, and process industries. The standard faceplate is blank but can be modified for connector or cable gland cutouts at the factory upon request.

Features and benefits

- Robust design allows your device to have a long service life in the field
- Vented option reduces internal pressure and increases the service life of your electronics
- New mechanical latch provides easier opening
- New PCB mounting features ensure proper PCB positioning into the housing
- Wall- and pole-mountable options offer flexibility in positioning your device

Technical data

- IP69 rating
- Operating temperature: -40°C to +100°C
- UL94 flammability rating: V0
- NEMA 250 enclosure rating: 6

Potential applications

- Control units
- Communication devices
- Asset monitoring
- Datalogging
- Telematics



DEVICE CONNECTORS

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Part number	Description	Vented
1196941	Housing with screw locking	Yes
1186433	Housing with screw locking	No
1196942	Housing with snap-in locking	Yes
1186431	Housing with snap-in locking	No
1186435	Blank faceplate with screw locking	N/A
1186436	Blank faceplate with snap-in locking	N/A



To learn more, please visit: www.phoenixcontact.com/ecs