

DIWICON-G DW 140-36 PSE_x

INTRINSICALLY SAFE DESIGN POWER SUPPLY UNIT

The DW 140-36 PSE_x was designed especially to provide power to the DW 628 GEx type industrial controller. Due to its 140 Ah capacity, the unit can offer a lifetime of up to several years, depending on application. Intrinsic safety is ensured by the use of integrated limiting resistors. The unit provides 3.6 volts of power.

FEATURES

- Long lifetime
- Polarity protection
- 3.6 V DC power supply
- 140 Ah capacity

SPECIAL CHARACTERISTICS

- Lithium based system
- Wide temperature range
- Intrinsic safety design

INDUSTRIAL DESIGN

- Operational temperature range:
-55°C to +85°C
- Protection: IP54 (IEC 529 conform)

APPLICATION

The DW 140-36 PSE_x is for use in DW 628 GEx type industrial controllers as an internal power supply in locations where external power is not typically available.

TECHNICAL DATA

GENERAL CHARACTERISTICS		ELECTRICAL CHARACTERISTICS	
System:	Li/SOCl ₂	Nominal voltage:	3.6 V
Anode surface:	90 cm ²	Nominal capacity:	35 Ah
Weight:	195 g	Nominal current:	10 mA
Volume:	100 cm ³	Max. current:	300 mA
Temperature Range:	-55°C to +85°C		



DW 140-36 PSE_x

Intrinsically Safe Power Supply Unit
4 x SL790 Sonnenschein

II 2 GD EEx ia IIC T6

BK1 05 ATEX

U₀=3.6V / 35 Ah / I₀=10mA / Co.L₀-0
m=800g, T=-55°C...+85°C

CASON

Manufactured by: CASON Engineering Plc.
Velencei út 37, 2030 Erd, Hungary



CASON Engineering Plc. Velencei út 37. H-2030 Érd, Hungary
T: +36 (23) 522-100 • F: +36 (23) 522-190
office@casonplc.com • www.casonplc.com