



EXPLOSION PROOF AC/DC CONVERTER

The Solexy S WA/SWS E** is a compact, cost-effective AC/DC converter for installation in harsh environments and hazardous locations. It is used to transform AC power available in the field to power up devices that require DC power.

The heavy duty and weatherproof enclosure, available in both aluminium and stainless steel, makes this unit ideal for use in outdoor and sea application, like on oil rig.

With Solexy's SWA and SWS enclosures and their rugged construction combined with Atex and IECEx, Solexy offers a solution for installation in classified Ex areas (gas, dust and mining) and harsh environments.



GENERAL	
Input voltage	85-264 VAC
Output voltage	24 VDC
Power consumption	300 mW Max.
Ambient temp. range	SWA series -40°C (-40°F) +74°C (+165°F) SWS series -40°C (-40°F) +68°C (+154°F)
Weight	SWAExx: 2,1 kg SWSExx: 4,7 kg

APPROVALS



ATEX / IECEx CERTIFICATION



Zone 1, 2, 21 & 22

I M2(M1) Ex db mb [ia Ma]

I Mb (SWS only)

II 2(1) G Ex db mb [ia Ga] IIC T6... T4 Gb

II 2(1) D Ex mb tb [ia Da] IIIC T110°C... T140°C Db

NOMENCLATURE



SWA **E10** **00** - **42** **1** **X0**

a **b** **c** **d**

a - Enclosure

SWA Aluminum polyester powder coated

SWS Stainless steel AISI 316 (CF8M) electropolished

b - Device

E10 24W, Input 85-264 VAC, Output 24 VDC

c - Cable entries

42 n° 4 3/4" npt-f

44 n° 4 M25x1.5

d - Approvals

X0 Atex/IECEX Gas and Dust certified ⁽¹⁾

M0 Atex/IECEX Gas, Dust and mining certified ⁽¹⁾

Notes: (1) Zone 1, 2, 21 & 22

AVAILABLE ACCESSORIES

MOUNTING BRACKET

KM-01: mounting kit for 2" pipe

KM-02: universal mounting kit

(see dedicated data sheet)





SOLEXY srl

Via Enrico Fermi, 2
25015 Desenzano del Garda (BS) Italy
Phone (+39) 030 787.0.787
Email: info@solexy.net

SOLEXY USA, LLC

PO Box 628
West Chester, Ohio 45071 USA
Phone: (+1) 513.860.5465
Email: usa@solexy.net



www.solexy.net