

increased safety



EEx "e" transformers



Sola International Control Transformers series

- Single phase 50/60 Hz

EEx "e" transformers*

Primary	Secondary	Power	Weight (Kg)	Volume (Dm ³)	Cat. No.	Pack
230/400 V	24/48 V	100 VA	2.7	4	0966 70	1
230/400 V	24/48 V	160 VA	4.9	4	0966 71	1
230/400 V	24/48 V	250 VA	5.4	7	0966 72	1
230/400 V	24/48 V	400 VA	6.9	7	0966 73	1
230/400 V	2x110 V	100 VA	2.7	4	0966 74	1
230/400 V	2x110 V	160 VA	4.9	4	0966 75	1
230/400 V	2x110 V	250 VA	5.4	7	0966 76	1
230/400 V	2x110 V	400 VA	6.9	7	0966 77	1
240/415 V	24/48 V	100 VA	2.7	4	0966 78	1
240/415 V	24/48 V	160 VA	4.9	4	0966 79	1
240/415 V	24/48 V	250 VA	5.4	7	0966 80	1
240/415 V	24/48 V	400 VA	6.9	7	0966 81	1

Sola/Hevi-Duty transformers

- International Control Transformers series : **exclusively for installation in EEx "d" equipment**
- Transformers for industrial applications, frequency 50/60 Hz (thermal insulation up to 105°C)
- Conforming to standards IEC, NEMA, ANSI, NMTBA, JIC and the most demanding industrial specifications
- Encapsulation in Epoxy resin to limit temperature rise
- Tension :
 - 208/240/415 volt primary, 120/24 volt secondary, 50/60 Hz
 - 200/230/400 volt primary, 115/23 volt secondary, 50/60 Hz
 - 220/380 volt primary, 110/23 volt secondary, 50/60 Hz

Catalogue numbers

VA power ratings for duty type		Fixing centres	Weight (Kg)	Cat. No.
continuous	instantaneous			
50	105	20 x 50/20 x 50	1.85	E050TC
100	230	20 x 65/20 x 33	3.70	E100TC
150	420	20 x 65/20 x 33	5.08	E150TC
250	675	31 x 71/31 x 71	6.93	E250TC
500	1600	31 x 85/31 x 85	13.9	E500TC

EGS-Sola/Hevi Duty electronic power supplies
(see page 167)

For other power ratings, please consult us

Part number in bold : fast moving references

Zones 1 & 2

ATEX

IEC

II 2 G

EEx e II

TECHNICAL DATA

Zones :

1 and 2

Classification :

- Ref. 0966 70 to 0966 81
- According to CENELEC
- Conforming to ATEX Directive 94/9 EC and standards EN 50014-19
- 0081 **Ex** II 2 G for gas EEx e II
- According to IEC: Ex "e" II - LCIE: Ex 03.008 U
- Conforming to standards IEC 60079-0/7 Ex e II

Certification :

- Approved type: TSN - TSCN
- CENELEC LCIE 03 ATEX 0021 U
- IEC LCIE Ex 03.028 U
- Declaration of conformity 5C222 for components
- Conforming to standards EN 61558-2-4 and EN 61558-2-6 and corresponding IEC standards
- "Safety of isolation transformers" and "Safety of transformers: general rules"

Operating temperature :

-20°C to +40°C

- These components can be installed in zones 21 - 22 in an approved dustproof enclosure, as long as the maximum power dissipation is not exceeded

Data sheet available on request