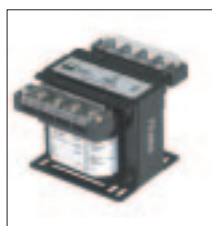




EEx "e" transformers



Sola International Control Transformers series

- Single phase 50/60 Hz

### EEx "e" transformers

Primary	Secondary	Power	Weight (Kg)	Volume (Dm <sup>3</sup> )	Cat. No.	Pack
230/400 V	24/48 V	100 VA	2.7	4	<b>0966 70</b>	1
230/400 V	24/48 V	160 VA	4.9	4	<b>0966 71</b>	1
230/400 V	24/48 V	250 VA	5.4	7	<b>0966 72</b>	1
230/400 V	24/48 V	400 VA	6.9	7	<b>0966 73</b>	1
230/400 V	2x110 V	100 VA	2.7	4	<b>0966 74</b>	1
230/400 V	2x110 V	160 VA	4.9	4	<b>0966 75</b>	1
230/400 V	2x110 V	250 VA	5.4	7	<b>0966 76</b>	1
230/400 V	2x110 V	400 VA	6.9	7	<b>0966 77</b>	1
240/415 V	24/48 V	100 VA	2.7	4	<b>0966 78</b>	1
240/415 V	24/48 V	160 VA	4.9	4	<b>0966 79</b>	1
240/415 V	24/48 V	250 VA	5.4	7	<b>0966 80</b>	1
240/415 V	24/48 V	400 VA	6.9	7	<b>0966 81</b>	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	<b>E050TC</b>
100	230	20 x 65/20 x 33	<b>E100TC</b>
150	420	20 x 65/20 x 33	<b>E150TC</b>
250	675	31 x 71/31 x 71	<b>E250TC</b>
500	1600	31 x 85/31 x 85	<b>E500TC</b>

For Sola/Hevi Duty DIN rail mounted power supplies  
(see page 167)

For other power ratings, please consult us

For more information, contact your local representative or visit the website at [www.sola-hevi-duty.com](http://www.sola-hevi-duty.com)

**Part number in bold : fast moving references**

Zones 1 & 2	ATEX	IEC	II 2 G	EEx e II
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### 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 II 2 G for gas EEx e II
- According to IEC : Ex de IIC
  - Conforming to standards IEC 60079-0/7 Ex e II

#### Certification :

- Approved type: TSN - TSCN
- CENELEC LCIE 03 ATEX 0021 U
- IEC LCIE Ex 04.010U
- 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