

Range <b>SLIF</b>	Model <b>7XXX</b>	T.I. Nr <b>05_2012</b>
Serial Number <b>12011950</b>	Subject <b>COMPONENT CHANGES</b>	Complaint Nr <b>N/A</b>

In order to improve the lead time components the following parts has been changed (with the same electrical characteristics):

Implementation is effective starting from S/N **12011950**.

Here below details of design review.

### COMPONENT CHANGES

From DANSTAFO to ACEM transformer (see picture below)



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### SCHEMATIC DIAGRAM AND ELECTRICAL TESTINGS

SCHEMATIC DIAGRAM		NO LOAD TEST	
		$V_{(1-9)} = 230V$ $f=50Hz$ $I_0 \leq 350mA$ $P_0 \leq 20W$ $V_{(11-17)} = 25,15V \pm 3\%$	
DIELECTRIC STRENGTH		LOAD TEST	
Sensibilità (trip level) $\leq 5$ mA $f=50$ Hz $t=3$ s PRI $\rightarrow$ SEC = 4000 V <sub>AC</sub> <sup>+5%</sup> PRI $\rightarrow$ CORE = 4000 V <sub>AC</sub> <sup>+5%</sup> SEC $\rightarrow$ CORE = 2000 V <sub>AC</sub> <sup>+5%</sup>		$V_{(1-9)} = 230V$ $f=50Hz$ $I_1 \approx 775mA$ $P_1 \approx 170W$ $V_{(11-17)} = 23,90V \pm 3\%$ $I_{(11-17)} = 6,361A$ <i>(TYPE TEST)</i> $(P \approx 150W)$	
GENERAL SPECIFICATION		RESISTANCE	
/		/	
L.REV	Data (Date)	DESCRIZIONE (Description)	Firma (Signat.)
UMO D005 Rev.2		DENOMINAZIONE (DENOMINATION): <b>TRANSFORMER</b>	Page 2 DATA (DATE): 29/10/08

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From TYCO to FINDER relay (see picture below)



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## 66 Series - Power relays 30 A

### Features

2 Pole NO (DPST-NO)  
30 A Power relay

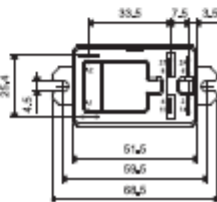
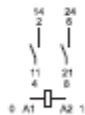
66.22-x300 PCB mount  
66.82-x300 Faston 250 connections  
- Flange mount

- Reinforced insulation between coil and contacts according to EN 60335-1; 8 mm creepage and clearance distances
- AC coils & DC coils
- Cadmium Free option available

66.82-x300



- 30 A rated contacts
- Flange mount
- Faston 250 connections



For outline drawing see page 6

FOR UL RATINGS SEE:  
"General technical information" page V

Contact specification		
Contact configuration		2 NO (DPST-NO)
Rated current/Maximum peak current	A	30/50
Rated voltage/Maximum switching voltage V AC		250/440
Rated load AC1	VA	7,500
Rated load AC15 (230 V AC)	VA	1,200
Single phase motor rating (230 V AC)	kW	1.5
Breaking capacity DC1: 30/110/220 V	A	25/0.7/0.3
Minimum switching load	mW (V/mA)	1,000 (10/10)
Standard contact material		AgCdO
Coil specification		
Nominal voltage (U <sub>N</sub> )	V AC (50/60 Hz) - 120/125 - 230 - 240 V DC - 110 - 125	
Rated power AC/DC	VA (50 Hz)/W	3.6/1.7
Operating range	AC	(0.8...1.1)U <sub>N</sub>
	DC	(0.8...1.1)U <sub>N</sub>
Holding voltage	AC/DC	0.8 U <sub>N</sub> /0.5 U <sub>N</sub>
Must drop-out voltage	AC/DC	0.2 U <sub>N</sub> /0.1 U <sub>N</sub>
Technical data		
Mechanical life AC/DC	cycles	10 · 10 <sup>4</sup>
Electrical life at rated load AC1	cycles	100 · 10 <sup>3</sup>
Operate/release time	ms	8/10
Insulation between coil and contacts (1.2/50 μs)	kV	6 (8 mm)
Dielectric strength between open contacts	V AC	1,500
Ambient temperature range	°C	-40...+70
Environmental protection		RT II
Approvals (according to type)		CE, RINA, cRU, US, VDE

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In order to align with **EN60335-1** and **EN60335-2-75** release, have been added the resistor to the cup slider motor circuit (see picture below)

