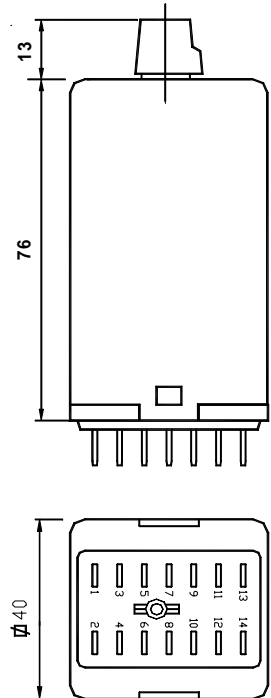

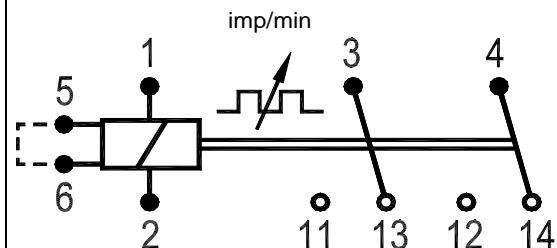
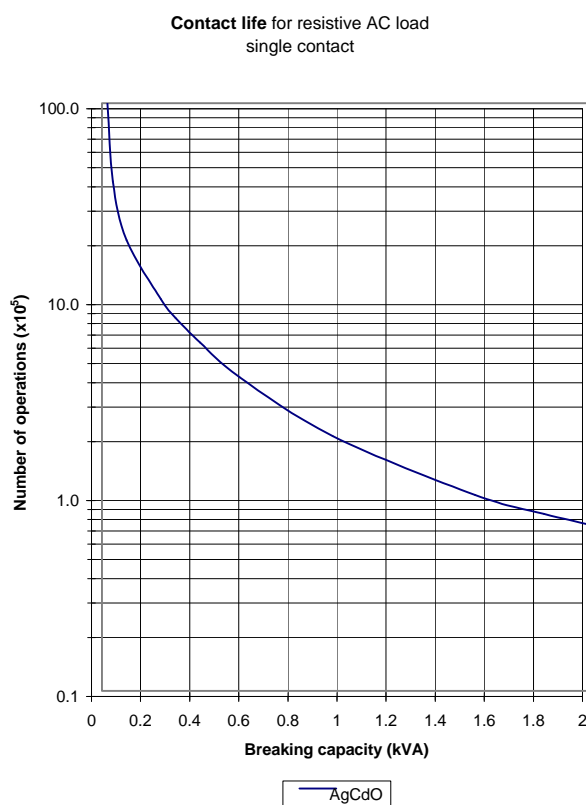
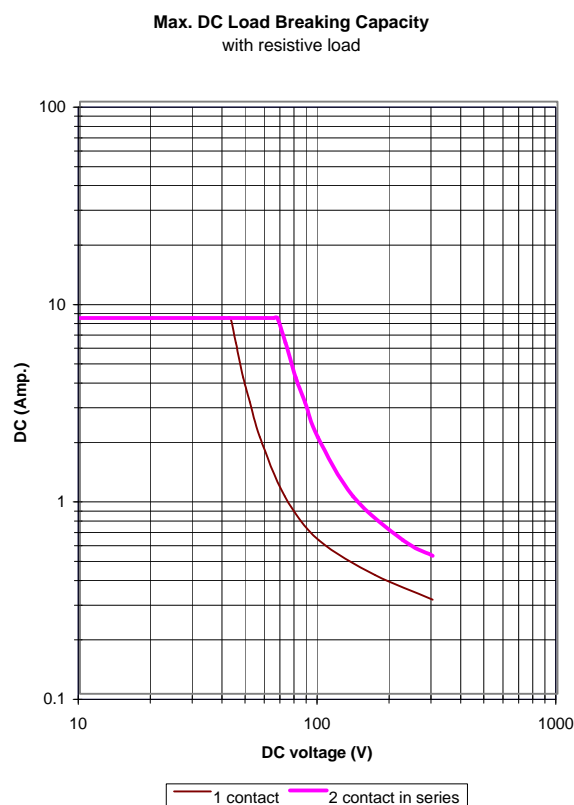


Datasheet																	
Product	FDA Pulsing relay																
Country of Origin	The Netherlands																
Dimensions																	
 <p>P.O. Box 7023 3502 KA Utrecht The Netherlands T +31 (0)30-288 13 11 F +31 (0)30-289 88 16 E sales@nieaf-smitt.nl I www.nieaf-smitt.nl</p>																	
<b>Connection Diagram</b> 																	
<b>Description</b> Plug-in pulsing relay with two change-over contacts. The pulsing frequency is adjustable by a lockable knob. Pulse and interval time are equal. The FDA relays are pluggable into standard D-bases.																	
<b>Types</b> <table border="1" data-bbox="151 1209 1436 1444"> <thead> <tr> <th>Type</th> <th><math>U_n</math></th> <th>Setting range (5-6 open): 40-120 flashes per minute. Flash frequency can be halved by shorting terminals 5 and 6.</th> </tr> </thead> <tbody> <tr> <td>FDA-1</td> <td>220V, 50Hz</td> <td rowspan="6">When energized the relay starts with the interval time.</td> </tr> <tr> <td>FDA-11</td> <td>24V, 50-60Hz/ 24VDC</td> </tr> <tr> <td>FDA-21</td> <td>42V, 50-60Hz/ 48VDC</td> </tr> <tr> <td>FDA-71</td> <td>60VDC</td> </tr> <tr> <td>FDA-81</td> <td>110V, 50-60Hz/ 110VDC</td> </tr> <tr> <td>FDA-B1</td> <td>120V, 50-60Hz/ 120VDC</td> </tr> </tbody> </table>		Type	$U_n$	Setting range (5-6 open): 40-120 flashes per minute. Flash frequency can be halved by shorting terminals 5 and 6.	FDA-1	220V, 50Hz	When energized the relay starts with the interval time.	FDA-11	24V, 50-60Hz/ 24VDC	FDA-21	42V, 50-60Hz/ 48VDC	FDA-71	60VDC	FDA-81	110V, 50-60Hz/ 110VDC	FDA-B1	120V, 50-60Hz/ 120VDC
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Contact data			
Max. Make Current	14 A	Material	AgCdO
Max. Cont. Current	8 A		
Max. Switching Voltage		Insulation between open contacts	1 kV; 50 Hz; 1 min
	DC 300 V AC 250 V	pole to pole	2.5 kV; 50 Hz; 1 min
Min. Switching Voltage	12 V, 100 mA		

### Maximum Breaking Capacity and Contact life



### General Data

Dielectric strength	Cont-Coil	IEC 255-5	2.5 kV, 1 min, 50 Hz
Pulse Withstanding		IEC 255-5	5 kV ( 1.2/50 $\mu$ s )
Mechanical life			100*10 <sup>6</sup> ops
Weight			120 gram
Temperature		T <sub>amb,max</sub>	+ 50 °C
		T <sub>amb,min</sub>	-10 °C
Humidity			80%, condensation not permitted
Protection			IP 50
Materials			Polycarbonat/Polyester