

Leclanché Capacitors  
48, av. de Grandson  
1400 Yverdon, Switzerland



Tel. +41 24 445 66 88  
Fax +41 24 445 66 89  
[capinfo@Lcap.ch](mailto:capinfo@Lcap.ch)  
[www.Lcap.ch](http://www.Lcap.ch)

Drawing No. : **1024620-53567**  
created from : 18/12/2012 12:23:00

**Part Number : SI4PH68140040050**

<p>Drill plan</p> <p>NC terminals are not to be connected to the electrical circuit!</p>	<p>∅ D : 40 mm</p> <p>L : 50 mm</p> <p>h : 6,3 mm</p> <p>Insulation : PVC 2500 Vac</p> <p>Terminals : Snap In</p>	<p>with fixed winding element</p> <p>vibration resistance in accordance with IEC 60068-2-6, test Fc:</p> <p>displacement 1,5 mm frequency range 10 Hz to 2 kHz duration 3 x 2 h acceleration max. 20 g</p>
--	---	--

**Electrical Parameter**

Rated Capacitance ( $C_R$ ) @ 100 Hz / 20 °C	<b>680</b> $\mu$ F	
Tolerance	<b>±20</b> %	
Rated Voltage ( $U_R$ )	<b>400</b> V	
Surge Voltage ( $U_S$ ) max. 5 x 1 min / h	<b>440</b> V	
Reverse Voltage ( $U_U$ ) max. 1 s	<b>2</b> V	
Leakage Current ( $I_L$ ) @ $U_R$ / 5 min / 20 °C	<b>1640</b> $\mu$ A	
ESR typ. @ 100 Hz / 20°C	<b>94</b> m $\Omega$	
Tan $\delta$ typ. @ 100 Hz / 20°C	<b>4</b> %	
Z max. @ 10 kHz / 20°C	<b>80</b> m $\Omega$	
ESL typ.	<b>20</b> nH	
Rated Ripple Current ( $I_R$ ) @ 100 Hz / 105°C	<b>2,4</b> A	
Useful life @ $I_R$ , $U_R$ , 105°C	<b>2000</b> h	
IEC Climatic category / Standards	<b>40/105/56</b>	<b>IEC 60384-4</b>
Applications	General Industrial	
Your article No. / Project		