

```

if LV9>=LV8;
Test19 ='Good';
elseif LV9<LV8;
Test19 = 'Danger';
end

if LV10>=LV9;
Test20 ='Good';
elseif LV10<LV9;
Test20 = 'Danger';
end

if LV10>=LV1;
Test21 ='Good';
elseif LV10<LV1;
Test21 = 'Danger';
end

disp=====

disp(' Winding Insulation Resistance Test')
fprintf(' Time   1   2   3   4   5   6   7   8   9   10   \n')
fprintf(' HV     %s  %s  %s  %s  %s  %s  %s  %s  %s  %s  %s
,Test2,Test3,Test4,Test5,Test6,Test7,Test8,Test9,Test10,Test11)

fprintf(' LV     %s  %s  %s  %s  %s  %s  %s  %s  %s  %s  %s  \n'
,Test12,Test13,Test14,Test15,Test16,Test17,Test18,Test19,Test20,Test2
1)

fprintf('Primary to Ground 2,500 Vdc: '), disp(Test)
fprintf('Secondary to Ground 500 Vdc: '), disp(Test1)

% =====

x =[1 2 3 4 5 6 7 8 9 10];
y =[HV1 HV2 HV3 HV4 HV5 HV6 HV7 HV8 HV9 HV10];
z =[LV1 LV2 LV3 LV4 LV5 LV6 LV7 LV8 LV9 LV10];
plot(x,y,'g-.s',x,z,'r:o')

% =====

xlabel('Time (Min)');
ylabel('Insulation resistance (Ohm)');
title('Winding Insulation Resistance Test');
legend('HVR', 'LVR')

% =====

gridon
holdoff

% =====

2. คำสั่งโปรแกรมการทดสอบด้วยจำนวนหม้อแปลงไฟฟ้า 20 ลูก

clc

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