

No. Resit : 1809071KE08308  
Tkh Resit : 07-Sep-2018

**Borang V**  
**(Peraturan 97)**

App Id : SJT1612018016945  
Ruj Kami : KI12815/17

SURUHANJAYA TENAGA  
AKTA BEKALAN ELEKTRIK 1990

**PERAKUAN KELULUSAN**

Mengikut peraturan 97 Peraturan-peraturan Elektrik 1994, Perakuan ini dikeluarkan kepada

**MAXGUARD SWITCHGEAR SDN BHD**  
(nama pengimport)

yang beralamat di

**LOT 8, JALAN ANGGERIK MOKARA 31/47**  
**KOTA KEMUNING**  
**40460 SHAH ALAM, SELANGOR**  
(alamat)

dan kelulusan diberikan untuk

<b>MENGIMPORT</b>	<b>MEMPAMER</b> <sup>1</sup>	<b>MENJUAL</b>	<b>MENGIKLAN</b> *
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kelengkapan yang perihalnya dinyatakan di bawah ini, terus daripada,

**- SEPERTI LAMPIRAN A -**

(nama dan negara pengilang)

dan kelengkapan itu mematuhi:

(a) Standard : **- SEPERTI LAMPIRAN A -**

(b) Laporan Ujian Jenis No : **- SEPERTI LAMPIRAN A -**

bagi tempoh **satu** tahun dari tarikh dikeluarkan/ diperbaharui\* seperti yang ditunjukkan di bawah  
tertakluk kepada syarat-syarat berikut:

**- SEPERTI LAMPIRAN B -**

Tarikh dikeluarkan/ diperbaharui\* : 26-Okt-2018  
Kelulusan No : **48 MODEL SAHAJA .**  
**SEPERTI LAMPIRAN YANG**  
**DISAHKAN OLEH ST.**

Tarikh Habis Tempoh : 25-Okt-2019

Fee RM : 110.00

Perihal Kelengkapan

Kelengkapan : RCBO  
Nama Dagangan : MAXGUARD

Spesifikasi Kelengkapan

**- SEPERTI LAMPIRAN A -**



Ir. FAIRUS BINTI ABD. MANAF  
Ketua Unit Kelengkapan  
Jabatan Keselamatan Elektrik  
Suruhanjaya Tenaga

No. Resit : 180907IKE08308

Ruj Kami : KI12815/17

No. Perakuan : SJT161109131692018

Tkh Resit :

App ID : SJT1612018016945

Nama Kelengkapan : MAXGUARD RCBO

No. Piawaian : IEC 61009-1:2010 +A1:2012 +A2:2013 +Corr.1:2014 IEC 61009-2-2:1991

Negara Pengilang : CHINA

Bil.	Jenis / Model	No Kelulusan	Fasa	Kuasa (Watt)	Arus (Amp)	Voltan (Volt)	Frikuenasi (Hz)	Laporan Ujian Jenis	
								Keselamatan	Kecekapan Tenaga
1.	ML32-1(1P+N, TYPE-AC,B-TYPE,32A,10mA)	14912/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
2.	ML32-1(1P+N, TYPE-AC,C-TYPE,10A,10mA)	14897/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
3.	ML32-1(1P+N, TYPE-A,C-TYPE,10A,10mA)	14885/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
4.	ML32-1(1P+N, TYPE-A,C-TYPE,16A,10mA)	14917/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
5.	ML32-1(1P+N, TYPE-A,C-TYPE,20A,10mA)	14886/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
6.	ML32-1(1P+N, TYPE-A,C-TYPE,25A,10mA)	14905/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
7.	ML32-1(1P+N, TYPE-A,C-TYPE,32A,10mA)	14913/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	

Bil.	Jenis / Model	No Kelulusan	Fasa	Kuasa (Watt)	Arus (Amp)	Voltan (Volt)	Frikkuensi (Hz)	Laporan Ujian Jenis	
								Keselamatan	Kecekapan Tenaga
8.	ML32-1(1P+N, TYPE-A,B-TYPE,6A,10mA)	14906/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
9.	ML32-1(1P+N, TYPE-A,B-TYPE,10A,10mA)	14895/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
10.	ML32-1(1P+N, TYPE-A,B-TYPE,16A,10mA)	14928/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
11.	ML32-1(1P+N, TYPE-A,C-TYPE,6A,30mA)	14900/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
12.	ML32-1(1P+N, TYPE-A,C-TYPE,10A,30mA)	14891/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
13.	ML32-1(1P+N, TYPE-A,C-TYPE,16A,30mA)	14925/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
14.	ML32-1(1P+N, TYPE-A,C-TYPE,20A,30mA))	14909/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
15.	ML32-1(1P+N, TYPE-A,C-TYPE,25A,30mA)	14926/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
16.	ML32-1(1P+N, TYPE-A,C-TYPE,32A,30mA)	14902/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
17.	ML32-1(1P+N, TYPE-A,B-TYPE,6A,30mA)	14892/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	

Bil.	Jenis / Model	No Kelulusan	Fasa	Kuasa (Watt)	Arus (Amp)	Voltan (Volt)	Frikuenasi (Hz)	Laporan Ujian Jenis	
								Keselamatan	Kecekapan Tenaga
18.	ML32-1(1P+N, TYPE-A,B-TYPE,10A,30mA)	14910/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
19.	ML32-1(1P+N, TYPE-A,B-TYPE,16A,30mA)	14915/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
20.	ML32-1(1P+N, TYPE-A,B-TYPE,20A,30mA)	14893/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
21.	ML32-1(1P+N, TYPE-A,B-TYPE,20A,10mA)	14887/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
22.	ML32-1(1P+N, TYPE-AC,C-TYPE,20A,30mA)	14907/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
23.	ML32-1(1P+N, TYPE-AC,C-TYPE,25A,30mA)	14898/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
24.	ML32-1(1P+N, TYPE-AC,C-TYPE,32A,30mA)	14918/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
25.	ML32-1(1P+N, TYPE-AC,B-TYPE,6A,30mA)	14922/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
26.	ML32-1(1P+N, TYPE-AC,B-TYPE,10A,30mA)	14923/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
27.	ML32-1(1P+N, TYPE-AC,B-TYPE,16A,30mA)	14899/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	

Bil.	Jenis / Model	No Kelulusan	Fasa	Kuasa (Watt)	Arus (Amp)	Voltan (Volt)	Frikuenasi (Hz)	Laporan Ujian Jenis	
								Keselamatan	Kecekapan Tenaga
28.	ML32-1(1P+N, TYPE-A,B-TYPE,25A,30mA)	14890/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
29.	ML32-1(1P+N, TYPE-A,B-TYPE,32A,30mA)	14927/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
30.	ML32-1(1P+N, TYPE-AC,C-TYPE,6A,30mA)	14888/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
31.	ML32-1(1P+N, TYPE-AC,C-TYPE,10A,30mA)	14914/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
32.	ML32-1(1P+N, TYPE-AC,C-TYPE,16A,30mA)	14901/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
33.	ML32-1(1P+N, TYPE-AC,C-TYPE,16A,10mA)	14911/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
34.	ML32-1(1P+N, TYPE-AC,C-TYPE,20A,10mA)	14882/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
35.	ML32-1(1P+N, TYPE-AC,C-TYPE,25A,10mA)	14894/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
36.	ML32-1(1P+N, TYPE-AC,C-TYPE,32A,10mA)	14903/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
37.	ML32-1(1P+N, TYPE-AC,B-TYPE,6A,10mA)	14883/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	

Bil.	Jenis / Model	No Kelulusan	Fasa	Kuasa (Watt)	Arus (Amp)	Voltan (Volt)	Frikkuensi (Hz)	Laporan Ujian Jenis	
								Keselamatan	Kecekapan Tenaga
38.	ML32-1(1P+N, TYPE-AC,B-TYPE,10A,10mA)	14884/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
39.	ML32-1(1P+N, TYPE-AC,B-TYPE,16A,10mA)	14916/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
40.	ML32-1(1P+N, TYPE-AC,B-TYPE,20A,10mA)	14920/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
41.	ML32-1(1P+N, TYPE-AC,B-TYPE,25A,10mA)	14904/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
42.	ML32-1(1P+N, TYPE-A,B-TYPE,25A,10mA)	14896/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
43.	ML32-1(1P+N, TYPE-A,B-TYPE,32A,10mA)	14929/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
44.	ML32-1(1P+N, TYPE-AC,B-TYPE,20A,30mA)	14924/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
45.	ML32-1(1P+N, TYPE-AC,B-TYPE,25A,30mA)	14889/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
46.	ML32-1(1P+N, TYPE-AC,B-TYPE,32A,30mA)	14908/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	
47.	ML32-1(1P+N,TYPE-AC,C-TYPE,6A,10mA)	14919/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	

Bil.	Jenis / Model	No Kelulusan	Fasa	Kuasa (Watt)	Arus (Amp)	Voltan (Volt)	Frikuenasi (Hz)	Laporan Ujian Jenis	
								Keselamatan	Kecekapan Tenaga
48.	ML32-1(1P+N, TYPE-A,C-TYPE,6A,10mA)	14921/17	1	-	-	240	50/60	Intertek Testing Services Shanghai, China. 170701335SHA-001 Test Date : 29-Ogos-2017	Test Date :
								CB CERT : SE-88197 IDEN. DECL :	

————— 48 Jenis Kelengkapan Sahaja —————



Ir. FAIRUS BINTI ABD. MANAF  
Ketua Unit Kelengkapan  
Jabatan Keselamatan Elektrik  
Suruhanjaya Tenaga

No. Perakuan : SJT161109131692018

App ID : SJT1612018016945

**Syarat-Syarat:**

- i) Kelengkapan ini hendaklah melalui ujian konsaimen yang dilakukan oleh SIRIM;
- ii) Kelengkapan yang lulus ujian konsaimen hendaklah dilekatkan dengan label yang dikeluarkan oleh SIRIM;
- iii) Pengimport dikehendaki mengemukakan nombor siri setiap kelengkapan bagi setiap konsaimen yang dibawa masuk kepada pihak SIRIM;
- iv) Kelengkapan yang gagal ujian konsaimen hendaklah dipulangkan kepada negara asal ataupun dimusnahkan;
- v) Kelengkapan hendaklah dibina secara sesuai dan sepadan dengan kord bekalan palam utama yang diluluskan oleh ST.

Kord bekalan hendaklah diperakui mengikut standard MS 140 atau MS 2112-5 atau BS 6500 atau IEC 60227-1 & IEC 60227-5 (tertebat PVC - kabel/kord boleh lentur) atau MS 140 atau IEC 60245-4 atau BS 6500 atau IEC 60245-1 & IEC 60245-4 (tertebat getah - kabel/kord boleh lentur).

Palam utama yang digunakan hendaklah seperti berikut:-

- a) Palam fuis 13A, mematuhi standard MS 589: Part 1 atau BS 1363: Part 1;
  - b) Palam 15A, mematuhi standard MS 1577;
  - c) Palam dua kutub bulat tidak boleh didawai semula 2.5A, 250V, dengan kord untuk sambungan ke kelengkapan kelas II, mematuhi standard MS 1578 atau BS EN 50075.
- vi) Permohonan pembaharuan Perakuan Kelulusan beserta dengan bayaran hendaklah dibuat tidak kurang dari empat belas (14) hari dari tarikh habis tempoh Perakuan (Peraturan 106, Peraturan-Peraturan Elektrik(Pindaan) 2003)



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Ir. FAIRUS BINTI ABD. MANAF  
Ketua Unit Kelengkapan  
Jabatan Keselamatan Elektrik  
Suruhanjaya Tenaga