



# 中国国家强制性产品认证证书



证书编号: 2020322316002596

认证委托人名称: Eaton Electric Limited  
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 生产者名称: Eaton Electric Limited  
 生产者地址: Tay House, 300 Bath Street, Glasgow, G2 4NA, United Kingdom  
 生产企业名称: Eaton Electric Limited  
 生产企业地址: Great Marlings Butterfield Luton Bedfordshire LU2 8DL United Kingdom

产品名称: 开关量输入隔离栅  
 系列、规格、型号: MTL4501-SR, MTL4510, MTL4510B, MTL4513, MTL4514D, MTL4514N, MTL4504, MTL4514B, MTL4511, MTL4514, MTL4516, MTL4516C, MTL4517, MTL5501-SR, MTL5510, MTL5510B, MTL5513, MTL5514D, MTL5514-T, MTL5511, MTL5514, MTL5516C, MTL5517  
 标准: GB 3836.1-2010、GB 3836.4-2010

上述产品符合强制性产品认证实施规则 CNCA-C23-01:2019 的要求, 特发此证。

发证日期: 2020 年 9 月 30 日 有效期至: 2025 年 9 月 29 日

首次发证日期: 2020 年 9 月 30 日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

本证书的相关信息可通过国家认监委网站 [www.cnca.gov.cn](http://www.cnca.gov.cn) 查询



批准:



## 上海仪器仪表自控系统检验测试所有限公司



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## 附件

产品名称: 开关量输入隔离栅

型号规格: MTL4501-SR, MTL4510, MTL4510B, MTL4513, MTL4514D  
MTL4514N, MTL4504, MTL4514B, MTL4511, MTL4514  
MTL4516, MTL4516C, MTL4517, MTL5501-SR, MTL5510  
MTL5510B, MTL5513, MTL5514D, MTL5514-T, MTL5511  
MTL5514, MTL5516C, MTL5517

防爆标志: [Ex ia Ga] IIC

电气参数: 非本安端电气参数:

型号	接线端子代码	最高电压 (Um)
MTL4501-SR	7, 8, 10, 11, 13, 14	250V
MTL4510	7, 8, 9, 10, 11, 12, 13, 14	250V
MTL4510B	7, 8, 9, 10, 11, 12, 13, 14	250V
MTL4513	7, 8, 9, 13, 14	250V
MTL4514D	7, 8, 10, 11, 13, 14	250V
MTL4514N	8, 9, 11, 12, 13, 14	250V
MTL4504	7, 8, 9, 10, 11, 12, 13, 14	250V
MTL4514B	7, 8, 10, 11, 13, 14	250V
MTL4511	7, 8, 9, 13, 14	250V
MTL4514	7, 8, 9, 10, 11, 12, 13, 14	250V

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型号	接线端子代码	最高电压 (Um)
MTL4516	7, 8, 9, 13, 14	250V
MTL4516C	7, 8, 9, 10, 11, 12, 13, 14	250V
MTL4517	7, 8, 9, 10, 11, 12, 13, 14	250V
MTL5501-SR	7, 8, 10, 11, 13, 14	250V
MTL5510	7, 8, 9, 10, 11, 12, 13, 14	250V
MTL5510B	7, 8, 9, 10, 11, 12, 13, 14	250V
MTL5513	7, 8, 9, 10, 11, 12, 13, 14	250V
MTL5514D	7, 8, 9, 10, 11, 12, 13, 14	250V
MTL5514-T	7, 8, 9, 10, 11, 12, 13, 14	250V
MTL5511	10, 11, 12, 13, 14	250V
MTL5514	7, 8, 9, 10, 11, 12, 13, 14	250V
MTL5516C	7, 8, 9, 10, 11, 12, 13, 14	250V
MTL5517	7, 8, 9, 10, 11, 12, 13, 14	250V

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本安端电气参数:

型号	接线端子 代码	最高输出 电压 U <sub>o</sub> (V)	最大输出 电流 I <sub>o</sub> (mA)	最高输出 功率 P <sub>o</sub> (mW)	内部等效参数	
					C <sub>i</sub> (μF)	L <sub>i</sub> (mH)
MTL4501-SR	1-2	±9.7	30	70	0	0
MTL4510	1&3-2 4&6-5	10.5	14	37	0	0
MTL4510B	1&3-2 4&6-5	10.5	14	37	0	0
MTL4513	1&3-2	10.5	14	37	0	0
MTL4514D	1-2/3	10.5	14	37	0	0
MTL4514N	1-2/3	10.5	14	37	0	0
MTL4504	1-2/3	10.5	14	37	0	0
MTL4514B	1-2/3	10.5	14	37	0	0
MTL4511	1-2/3	10.5	14	37	0	0
MTL4514	1-2/3	10.5	14	37	0	0
MTL4516	1-2/3 4-5/6	10.5	14	37	0	0
MTL4516C	1-2/3 4-5/6	10.5	14	37	0	0
MTL4517	1-2/3 4-5/6	10.5	14	37	0	0
MTL5501-SR	1-2	±9.7	30	70	0	0
MTL5510	1&3-2 4&6-5	10.5	14	37	0	0
MTL5510B	1&3-2 4&6-5	10.5	14	37	0	0
MTL5513	1&3-2	10.5	14	37	0	0
MTL5514D	1-2/3	10.5	14	37	0	0
MTL5514-T	1-2	10.5	14	37	0	0
MTL5511	1-2/3	10.5	14	37	0	0
MTL5514	1-2/3	10.5	14	37	0	0
MTL5516C	1-2/3 4-5/6	10.5	14	37	0	0
MTL5517	1-2/3 4-5/6	10.5	14	37	0	0

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型号	接线端子代码	气体组别	最大外部参数	
			Co (μF)	Lo (mH)
MTL4501-SR	1-2	II C	3.5	39
		II B	24	145
		II A	170	299
MTL4510	1&3-2 4&6-5	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL4510B	1&3-2 4&6-5	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL4513	1&3-2	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL4514D	1-2/3	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL4514N	1-2/3	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL4504	1-2/3	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL4514B	1-2/3	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL4511	1-2/3	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL4514	1-2/3	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL4516	1-2/3 4-5/6	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL4516C	批 准 5/6	II C	2.41	175
		II A	16.8	680
		II A	75	1000



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## 附件

型号	接线端子代码	气体组别	最大外部参数	
			Co (μF)	Lo (mH)
MTL4517	1-2/3 4-5/6	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL5501-SR	1-2	II C	3.5	39
		II B	24	145
		II A	170	299
MTL5510	1&3-2 4&6-5	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL5510B	1&3-2 4&6-5	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL5513	1&3-2	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL5514D	1-2/3	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL5514-T	1-2/3	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL5511	1-2/3	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL5514	1-2/3	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL5516C	1-2/3 4-5/6	II C	2.41	175
		II B	16.8	680
		II A	75	1000
MTL5517	1-2/3 4-5/6	II C	2.41	175
		II B	16.8	680
		II A	75	1000

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