

D3SL-M系列电磁锁定安全门开关



- 强制锁定力1300N
- 指示灯+紧急解锁功能
- 可选配6种操作钥匙
- 小型化设计节省安装空间
- 强制锁定 安全防护

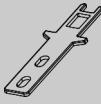
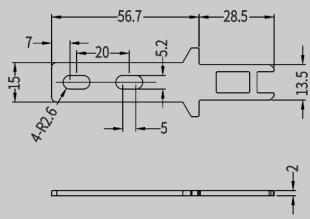
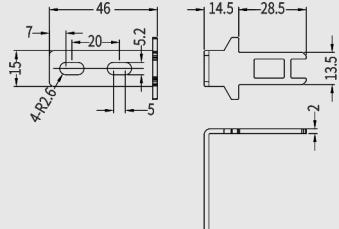
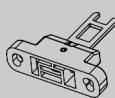
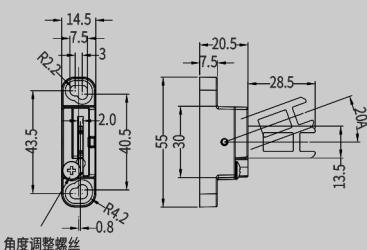
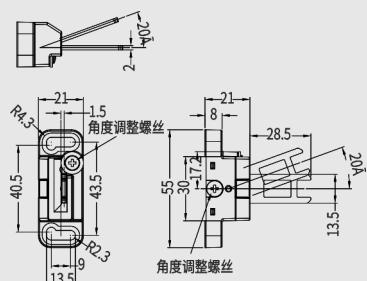
订购信息

开关型号	触点类型 (门监控+锁定监控)	锁定/释放方式	头部材质	导管开口/连接器
D3SL-M-D 1NC+1NC	1NC+1NC	电磁锁定 机械释放	树脂	M20
D3SL-M-D 2NC(S)	无+2NC		树脂	M20
D3SL-M-D 2NC(M)	2NC+无		树脂	M20
D3SL-M-D 1NC/1NO(M)	1NC/1NO+无		树脂	M20
D3SL-M-D 1NO+1NC	1NO+1NC		树脂	M20
D3SL-M-D 1NC/1NO(S)	无+1NC/1NO		树脂	M20
D3SL-M-J 1NC+1NC	1NC+1NC	机械锁定 电磁释放	树脂	M20
D3SL-M-J 2NC(S)	无+2NC		树脂	M20
D3SL-M-J 2NC(M)	2NC+无		树脂	M20
D3SL-M-J 1NC/1NO(M)	1NC/1NO+无		树脂	M20
D3SL-M-J 1NO+1NC	1NO+1NC		树脂	M20
D3SL-M-J 1NC/1NO(S)	无+1NC/1NO		树脂	M20

操作钥匙

类型	型号	线图	尺寸图
T型操作钥匙	D3SL-M-K1		
L型操作钥匙	D3SL-M-K2		

操作钥匙

类型	型号	线图	尺寸图
长T型操作钥匙	D3SL-M-K3		
长L型操作钥匙	D3SL-M-K4		
水平可调整型操作钥匙	D3SL-M-K5		
水平/垂直可调整型操作钥匙	D3SL-M-K6		

技术参数

外壳材质	PA66阻燃
触点材质	银合金镀金
保护等级	IP67 (EN60947-5-1, 钥匙操作孔除外)
使用寿命	机械100万次以上
	电气15万次以上
锁定时抗拉力强度	1300N
额定绝缘电压 (Ui)	300V
额定冲击耐受电压 (Uimp)	2.5kV
额定开放热电流 (Ith)	10A

技术参数

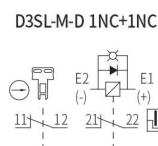
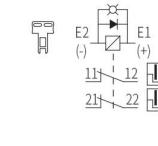
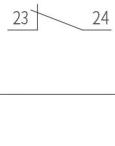
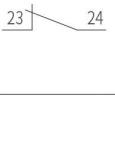
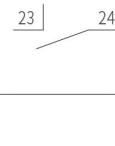
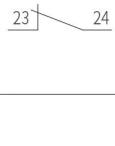
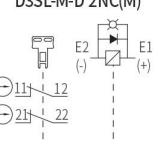
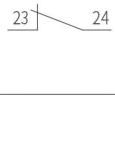
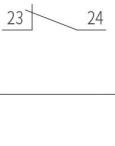
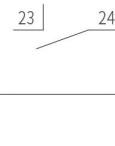
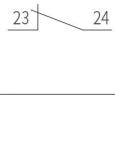
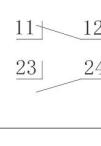
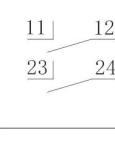
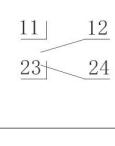
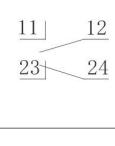
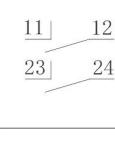
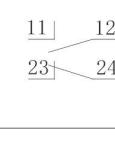
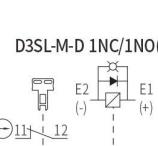
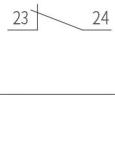
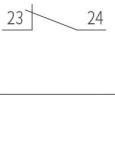
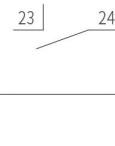
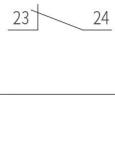
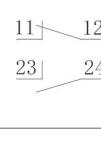
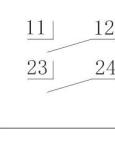
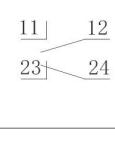
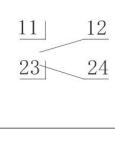
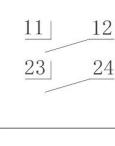
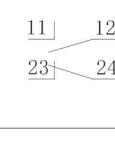
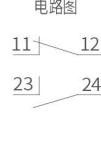
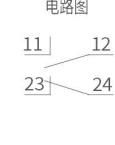
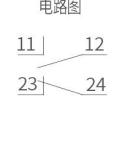
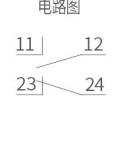
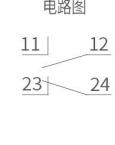
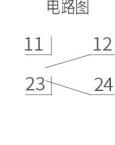
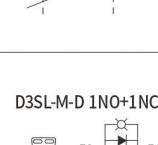
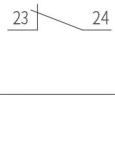
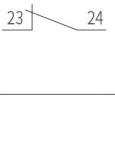
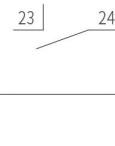
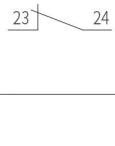
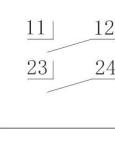
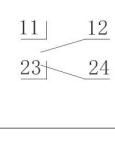
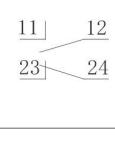
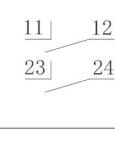
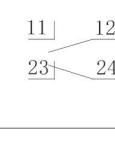
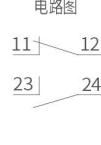
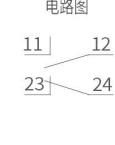
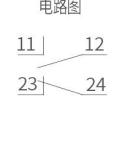
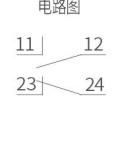
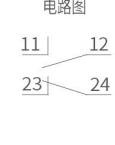
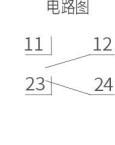
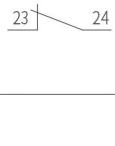
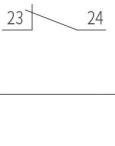
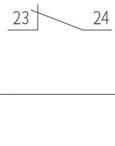
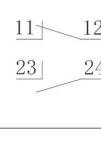
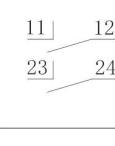
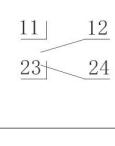
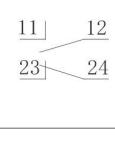
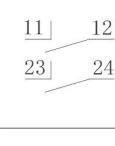
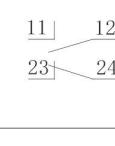
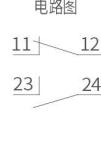
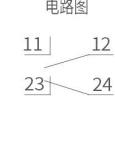
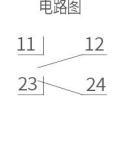
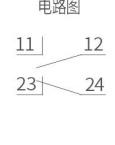
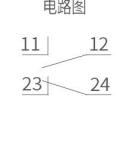
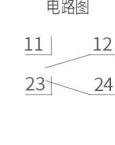
使用类别	AC-15	DC-13
额定工作电压 (U_e)	240V	30V
额定工作电流 (I_e)	3A	2.3A
额定限制短路电流	1000 A	
强制脱离动作力	$\geq 60N$	
强制脱离距离	$\geq 10mm$	
允许操作速度	0.05~0.5m/s	
允许操作频率	最大20次操作/分钟	
环境温度	-20°C~60°C, 无结冰	
环境湿度	85%RH以下	
指示灯	额定电压 额定电流 光源颜色	24VDC 1 mA 绿色
螺线管	额定工作电压 额定电流 功率 绝缘等级	DC24V±10% 200mA (初始值) 4.8W B级 (130 °C)

接点构成及动作

型号	触点类型 (门监控+锁定监控)	接线图		触点动作	
		门监控	锁定监控	■:触点ON	□:触点OFF
			O2 E2 (-) E1 (+)	操作钥匙 完全插入	行程
D3SL-M-D 1NC+1NC D3SL-M-J 1NC+1NC	1NC + 1NC	(-) 11 12 21 22		11-12 21-22	操作钥匙 拔出
D3SL-M-D 2NC(S) D3SL-M-J 2NC(S)	无 + 2NC		11 12 21 22	11-12 21-22	锁定位置
D3SL-M-D 2NC(M) D3SL-M-J 2NC(M)	2NC + 无	(-) 11 12 (-) 21 22		11-12 21-22	锁定位置
D3SL-M-D 1NC/1NO(M) D3SL-M-J 1NC/1NO(M)	1NC/1NO + 无	(-) 11 12 23 24		11-12 23-24	锁定位置
D3SL-M-D 1NO+1NC D3SL-M-J 1NO+1NC	1NO + 1NC	23 24	11 12 □	11-12 23-24	锁定位置
D3SL-M-D 1NC/1NO(S) D3SL-M-J 1NC/1NO(S)	无 + 1NC/1NO		11 12 □ 23 24	11-12 23-24	锁定位置

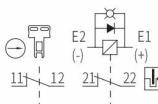
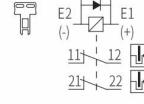
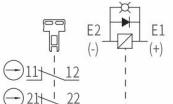
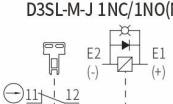
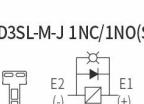
动作电路及动作特性

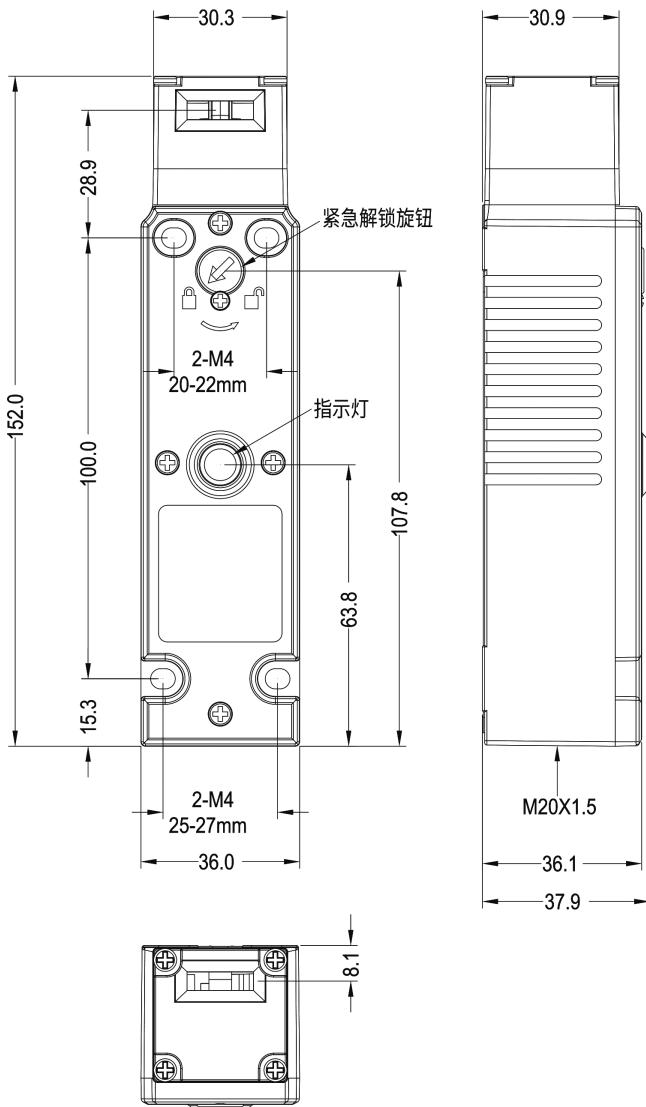
电磁锁定型

型号及触点结构	安全门动作状态	状态1	状态2	状态3	状态4	手动解除锁定时	
		关闭	关闭	打开	打开	关闭	打开
	电磁铁电源	NO	OFF	NO	OFF		
D3SL-M-D 1NC+1NC		     	     	     	     		
D3SL-M-D 2NC(S)		     	     	     	     		
D3SL-M-D 2NC(M)		     	     	     	     		
D3SL-M-D 1NC/1NO(M)		     	     	     	     		
D3SL-M-D 1NO+1NC		     	     	     	     		
D3SL-M-D 1NC/1NO(S)		     	     	     	     		

动作电路及动作特性

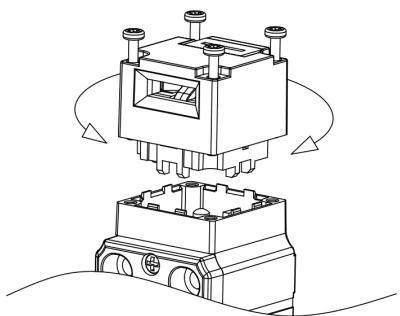
机械锁定型

安全门动作状态		状态1	状态2	状态3	状态4	手动解除锁定时	
		关闭	关闭	打开	打开	关闭	打开
电磁铁电源		NO	OFF	NO	OFF		
型号及触点结构	D3SL-M-J 1NC+1NC	电路图 	<u>11</u> — <u>12</u> <u>21</u> — <u>22</u>	<u>11</u> — <u>12</u> <u>21</u> — <u>22</u>			
	D3SL-M-J 2NC(S)	电路图 	<u>11</u> — <u>12</u> <u>21</u> — <u>22</u>	<u>11</u> — <u>12</u> <u>21</u> — <u>22</u>			
	D3SL-M-J 2NC(M)	电路图 	<u>11</u> — <u>12</u> <u>21</u> — <u>22</u>	<u>11</u> — <u>12</u> <u>21</u> — <u>22</u>			
	D3SL-M-J 1NC/1NO(M)	电路图 	<u>11</u> — <u>12</u> <u>23</u> — <u>24</u>	<u>11</u> — <u>12</u> <u>23</u> — <u>24</u>			
	D3SL-M-J 1NO+1NC	电路图 	<u>11</u> — <u>12</u> <u>23</u> — <u>24</u>	<u>11</u> — <u>12</u> <u>23</u> — <u>24</u>			
	D3SL-M-J 1NC/1NO(S)	电路图 	<u>11</u> — <u>12</u> <u>23</u> — <u>24</u>	<u>11</u> — <u>12</u> <u>23</u> — <u>24</u>			

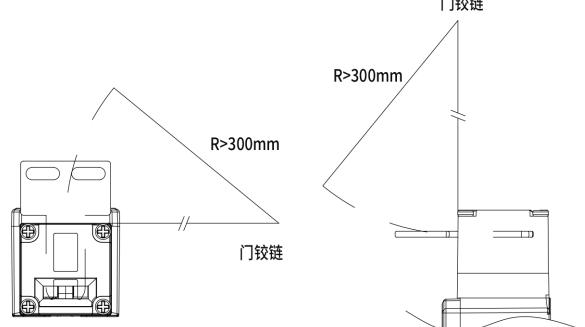


产品安装注意事项

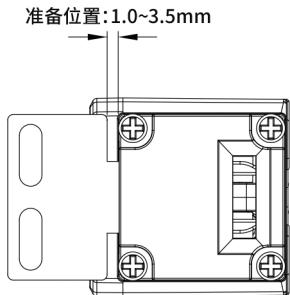
1. 松开头部顶端的4个螺丝，旋转头部方向选择合适的操作钥匙孔位再进行安装。



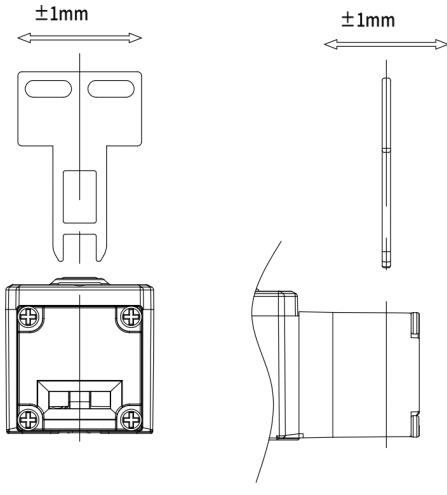
2. 安装在平开门时，需大于最小半径。



3.请在准备位置范围(1~3.5mm)内安装开关和操作钥匙。



4.操作钥匙的安装允许误差在操作钥匙插入孔中心为基准±1mm范围内。



紧急解锁

解锁螺丝类型	正常	手动解锁
一字型+六角星型或 十字型		

- 处理停电或者紧急情况时，可以手动操作紧急解锁键。旋转紧急解锁键时，必须要旋转到底，否则有损坏开关或者无法正常动作的危险。
- 紧急解锁键扭力请控制在0.2N.m以下，否则有损坏的风险每次使用紧急解锁键解除锁定并处理紧急情况后要对紧急解锁键进行复位，否则影响开关正常锁定功能，可能造成人身伤害或安全事故的危险。
- 仅限设备管理员操作紧急解锁键。

使用环境

- 不要将开关浸在油或水中，或在连续遭受油或水泼溅的位置使用开关。否则，可能导致油或水进入开关内部。(开关的IP67保护等级中规定了开关浸入水中一定时间后的进水量)。