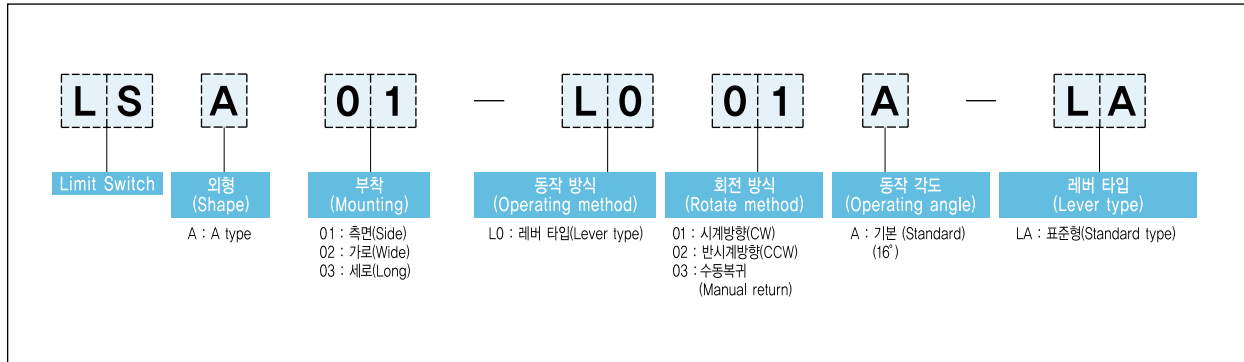


1-6

LSA 리미트 스위치
LSA Limit Switch

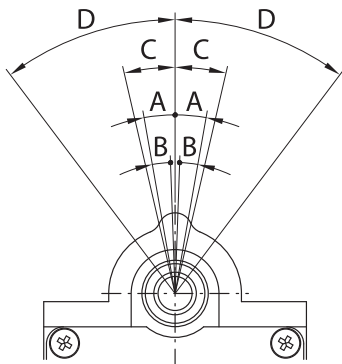
형식 구분도 | Type Classification Diagram |



성능 개요 | Performance Summary |

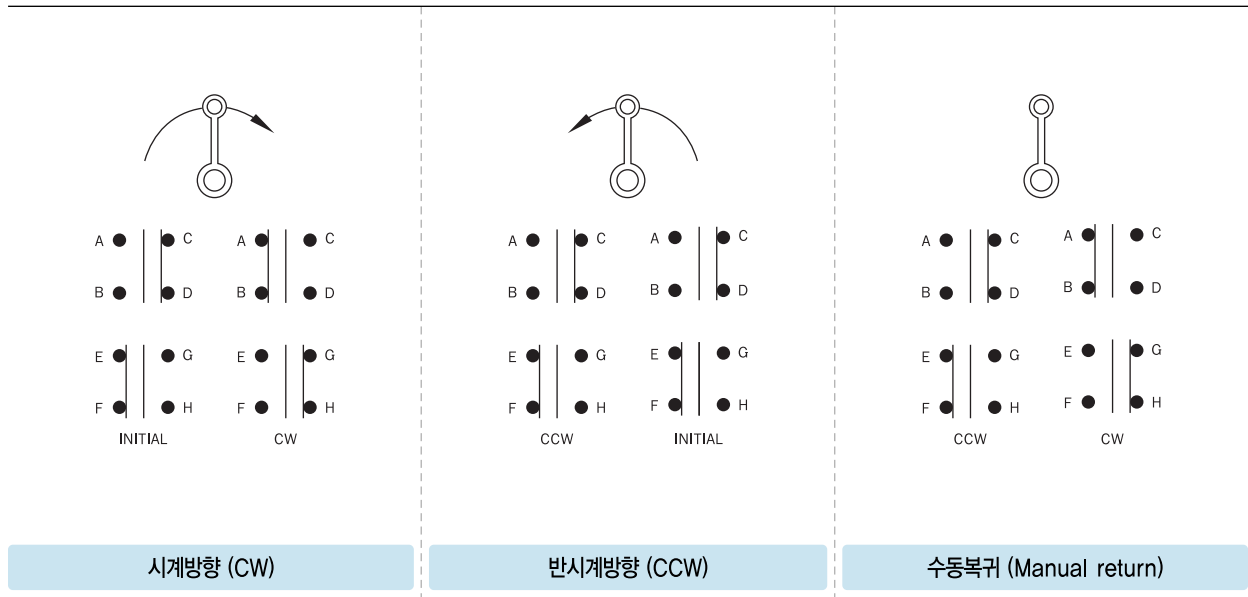
절연 저항 (Insulation resistance)	100MΩ 이상 (Above 100MΩ) (DC 500V. Meg)
접촉 저항 (Contact resistance)	50mΩ 이하 (초기치) (Below 50mΩ, initial value)
내전압 (Withstand voltage)	AC 2,500V / 1min (50~60Hz)
전기적 수명 (Electrical life)	100,000회 이상 (Above 100,000 times)
사용주위온도 (Ambient temperature)	-20℃ ~ 90℃ (-4 ~ 194°F)
상대 습도 (Relative humidity)	45 ~ 85%
보호등급 (Degree of protection)	IP66

동작 특성 | Operating characteristics |



기호 (Mark)	설명 (Description)	표준각도 (A Type)
A	동작각도 (Trip travel)	16° ±5°
B	복귀각도 (Reset travel)	14° ±5°
C	권장각도 (Recommended travel)	20°
D	전체각도 (Total travel)	최대 (Max.) 39.5°
-	조작력 (Torque) Max.	30kgf·cm (26lb-in)

접점 구성도 | Contact Form Diagram |



접점 정격 | Contact Rated |

정격절연전압 (Rated insulation voltage) U_i			AC600V, DC250V		
정격통전전류 (Rated conductive current) I_{th}			30A		
AC	정격전압 (Rated voltage) U_e		110~120V	220~240V	380~440V
	정격전류 (Rated current) I_e	저항부하 (Resistive load)	20A	15A	10A
		유도부하 (Inductive load)	6A	5A	3A
DC	정격전압(Rated voltage) U_e		110V	125V	250V
	정격전류 (Rated current) I_e	저항부하 (Resistive load)	5A	5A	1.5A
		유도부하 (Inductive load)	1.1A	1.0A	0.5A

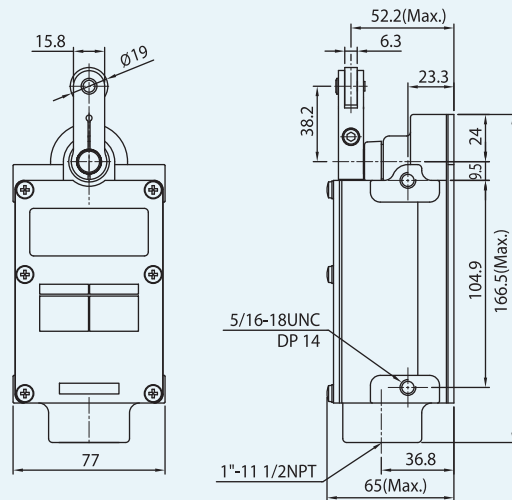
부품 재질 | Part Materials |

부품 (Part)	재질 (Materials)
명판 (Name plate)	알루미늄 (Aluminum)
몸체 (Body)	아연합금 (Zinc alloy)
접점 (Contact)	은합금 (Silver alloy)
스위치 몸체 (Switch body)	페놀 수지 (Phenol resin)
가스켓 & 패킹 (Gasket & Packing)	실리콘 (Silicone)
부착판 (Mounting plate)	탄소강 (Carbon steel)

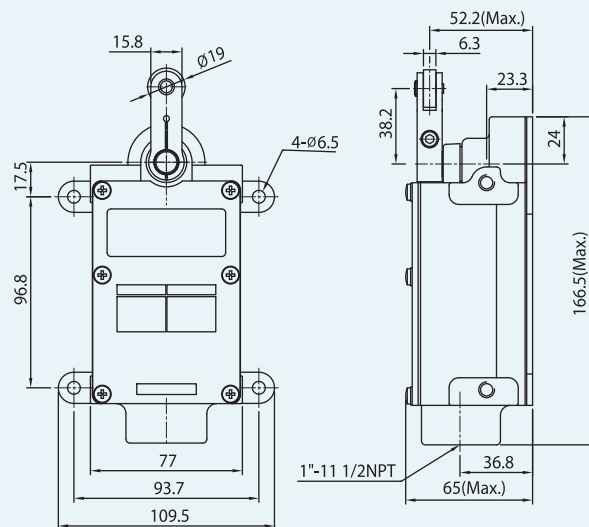
외형 / 치수도 | Shape / Dimension Drawing |

(unit : mm)

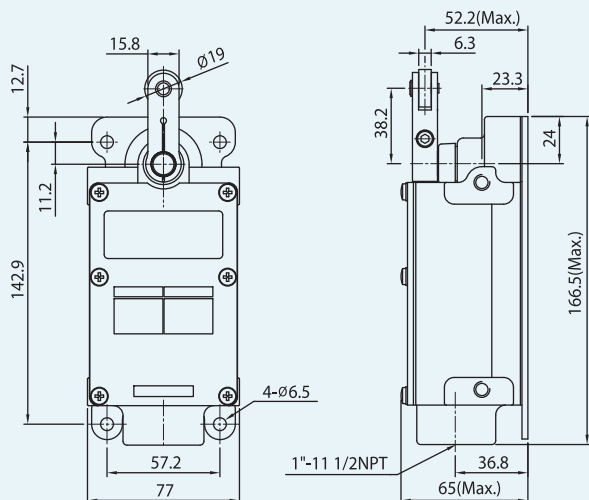
측면부착형 (Side mounting)



가로부착형 (Wide mounting)



세로부착형 (Long mounting)



부착 치수 | Mounting cut-out dimension |

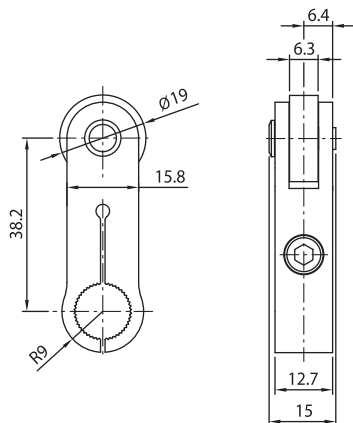
(unit : mm)

치수 (Dimension)	측면 부착 (Side mounting)	가로 부착 (Wide mounting)	세로 부착 (Long mounting)
부착 볼트 (Bolt)	2 X 5/16-18UNC	4 X M6	4 X M6
부착 토크 (Torque)	15.8N·m (160Kgf·cm)	4N·m (40Kgf·cm)	4N·m (40Kgf·cm)

레버 타입 외형도 | Dimension Of Lever Type |

(unit : mm)

LSA-LA (표준형 (Standard type))



부품 (Part)	재질 (Material)
레버 (Lever)	아연합금 (Zinc alloy)
롤러 (Roller)	스테인리스 강 (Stainless steel)

※ 주문형 레버의 경우, 별도 문의 바랍니다. (For the lever on demand, please contact us.)