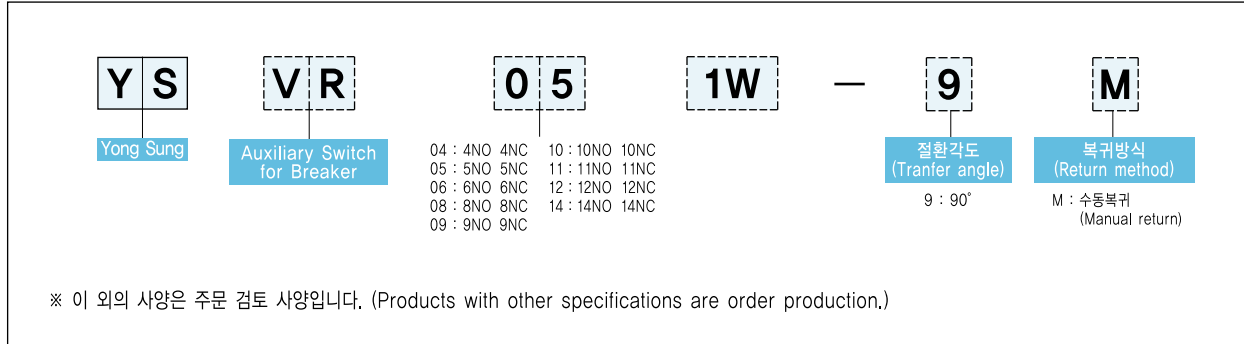


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차단기용 보조 스위치
Auxiliary Switch for Breaker

형식 구분도 | Type Classification Diagram |



성능 개요 | Performance Summary |

전기적수명 (Electrical lifetime)	1만회 이상 (Above 10,000 times) (Switch freq : 20 times/min)
기계적수명 (Mechanical lifetime)	5만회 이상 (Above 50,000 times) (Switch freq : 20 times/min)
절연저항 (Insulation resistance)	100MΩ 이상 (Above 100MΩ) (DC 500V, Meg)
접촉저항 (Contact resistance)	50mΩ 이하 (초기치) (Below 50mΩ, initial value)
내전압 (Withstand voltage)	AC 2,000V/min

부품 재질 | Part Materials |

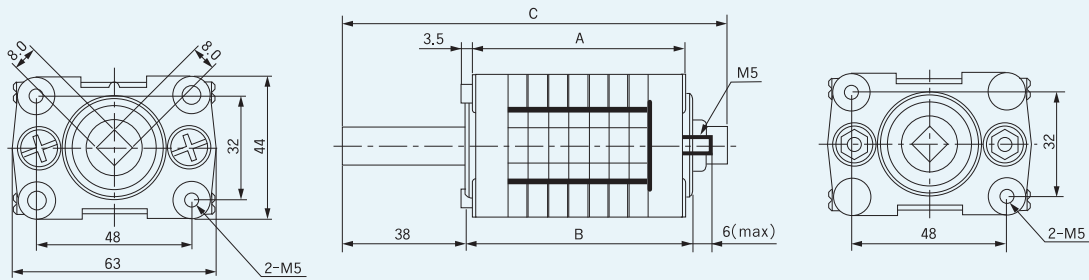
부품 (Part)	재질 (Materials)
몸체 (Body)	알루미늄 합금 다이캐스팅 (Aluminum alloy diecasting)
하부 (Contact block)	PBT Resin
베어링 (Bearing)	6 NYLON
고정단자 (Fixed terminal)	황동 (Brass)
가동단자 (Working terminal)	인청동 (Phosphorus bronze)
샤프트 (Shaft)	탄소강 (Carbon steel)
볼트 (Bolt)	탄소강 (Carbon steel)

접점 정격 | Contact Rated |

정격절연전압 (Ui) (Rated insulation voltage)			AC 250V, DC 250V	
정격통전전류 (Ith) (Rated conductive current)			10A	
교류 AC	정격전압 (Ue) (Rated voltage)		110V~120V	220V
	정격전류 (Ie) (Rated current)	저항부하 (Resistive load) (AC12)	10A	10A
		유도부하 (Inductive load) (AC15)	4A	2A
직류 DC	정격전압 (Ue) (Rated voltage)		110V~125V	220V
	정격전류 (Ie) (Rated current)	저항부하 (Resistive load) (DC12)	3A	1.5A
		유도부하 (Inductive load) (DC13)	2A	1A

외형 / 치수도 | Shape / Dimension Drawing |

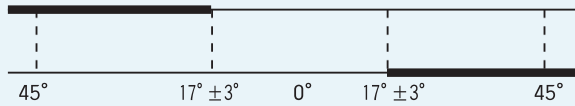
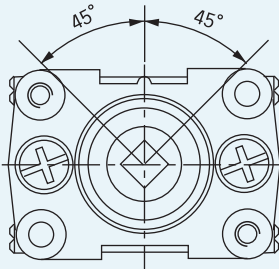
(unit : mm)



▶ 치수도 (Dimension table)

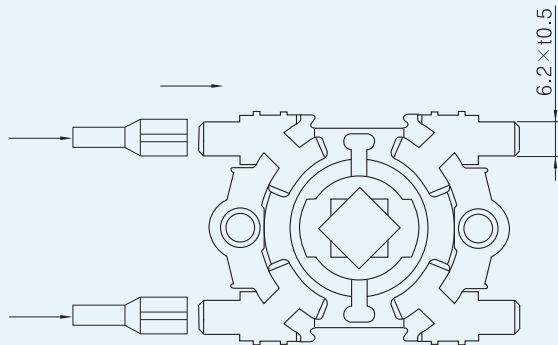
구분	VR 04/05	VR 06	VR 08	VR 09	VR 10	VR 11/12	VR 14
A	59.5	65.8	78.4	84.7	91.0	103.6	116.2
B	63.8	70.1	82.7	89.0	95.3	107.9	120.5
C	113.0	119.0	131.5	138.0	144.5	157.0	169.5

동작 각도 | Operating Angle |



동작각도 (Operating angle) : 좌우 45°
접점접촉 (Contact angle) : 좌우 17° ± 3°

내부 구조도 | Inside Structure Diagram |



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제어용
스위치