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HY-500 series



Power switches certified for safety as an electrical appliance, with an attached ON/OFF switch for lamp power

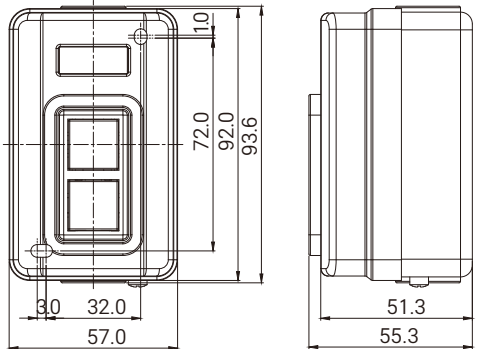
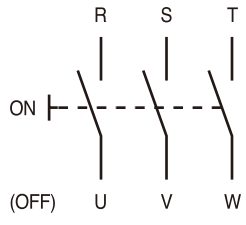
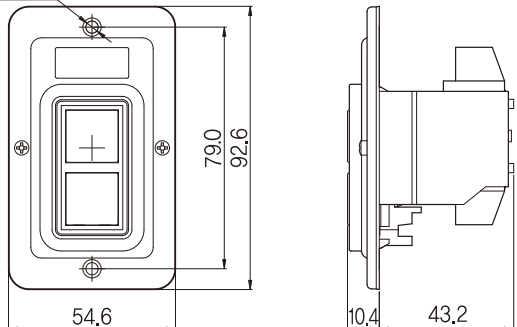
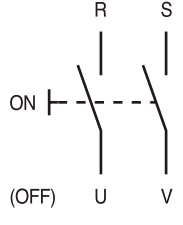
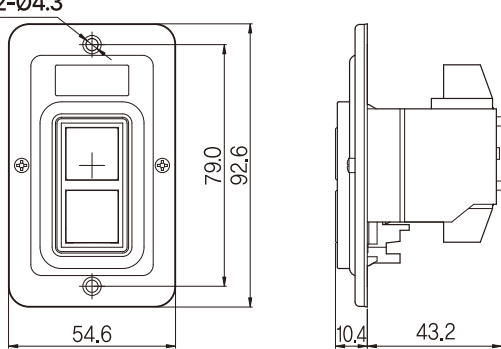
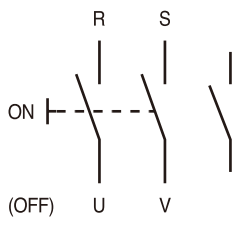
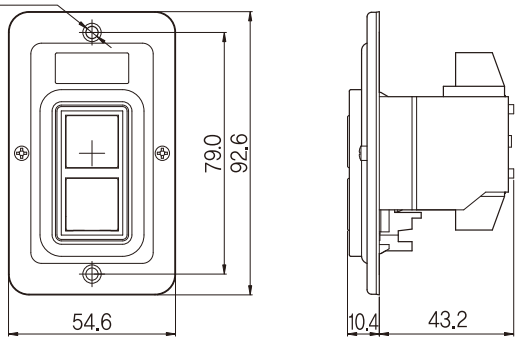
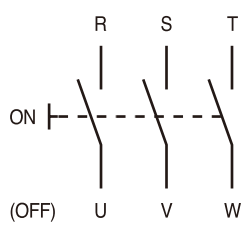
Specifications

Model	Exposed			Recessed					
	HY-510	HY-516	HY-517	HY-512	HY-512S Switch unit for lamp	HY-513	HY-513S Switch unit for lamp	HY-514	HY-514S Switch unit for lamp
Number of poles	3P			2P		3P			
Rated capacity	250 V a.c. 15 A								
Connection terminals	M4								
Terminal tightening torque	1.2 N·m or less								
Character displayed (button color)	ON (black), OFF (red)								
Case material	Cold rolled steel plate (ON/OFF)								
Rated operational current (Ie)	15 A								
Rated transport current (Ith)	15 A								
Rated operational voltage (Ue)	250 V								
Rated insulation voltage (Ui)	600 V								
Insulation resistance	100 MΩ or higher (500 V d.c.)								
Dielectric strength	2,500 V a.c. 1 minute at 50/60 Hz								
Contact resistance	50 mΩ or lower (initial value)								
Ambient temperature	-15 to +40 °C (however, there should be no condensation or icing)								
Ambient humidity	45 to 85% RH or lower								
Storage temperature	-40 to 70 °C								

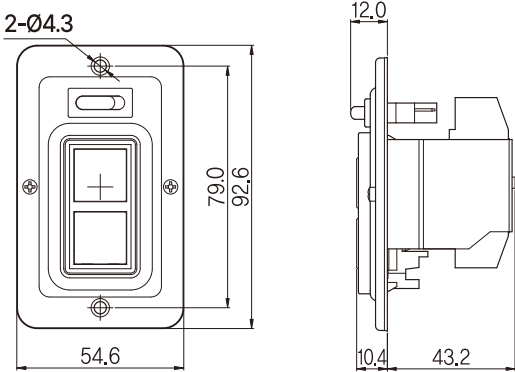
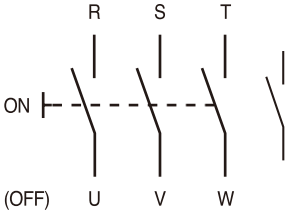
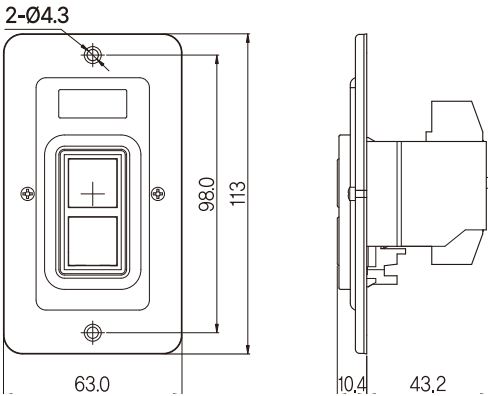
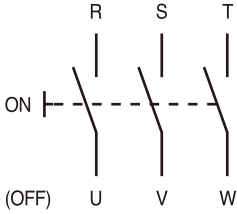
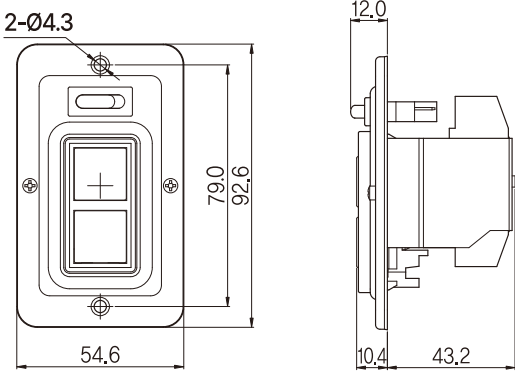
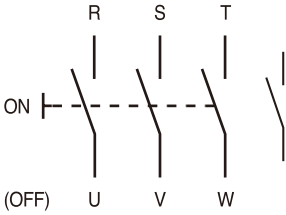
※ Switch capacity for lamps: 6(2) A 250 V a.c. (HY-512S, HY-513S, HY-514S)

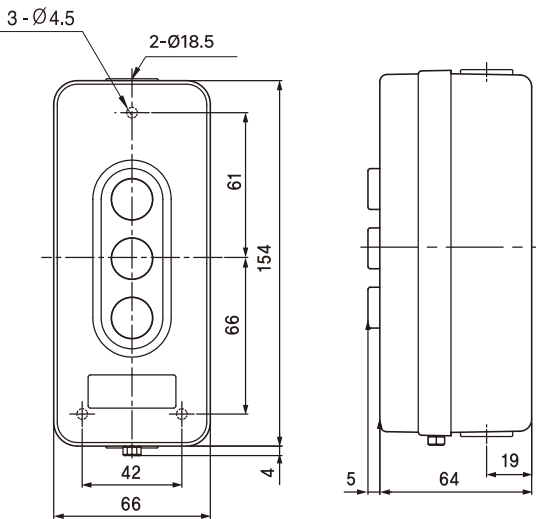
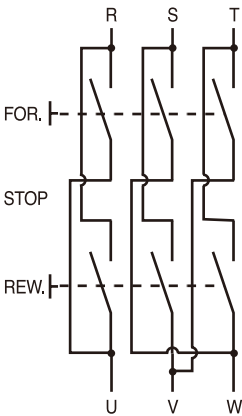
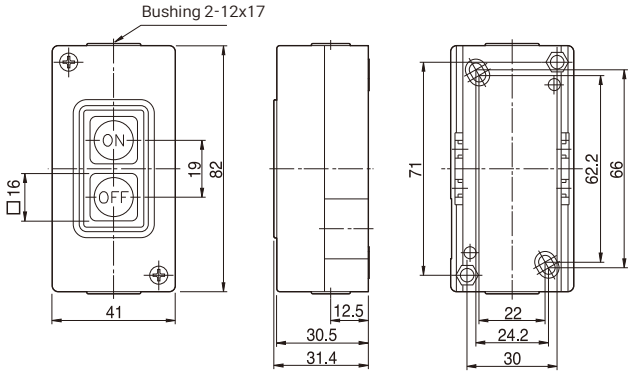
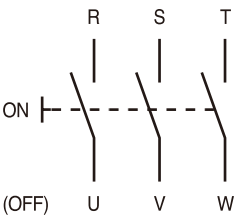
※ The case cannot be separated when the button is in the ON state, ensuring safety (HY-517).

External dimensions

Appearance	External dimensions	Rating and contact configuration
 HY-510		3P, 250 V a.c. 15 A 
 HY-512	2-Ø4.3 	3P, 250 V a.c. 15 A 
 HY-512S	2-Ø4.3 	3P, 250 V a.c. 15 A 
 HY-513	2-Ø4.3 	3P, 250 V a.c. 15 A 

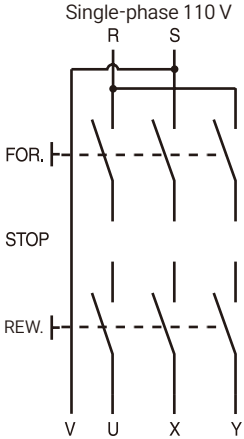
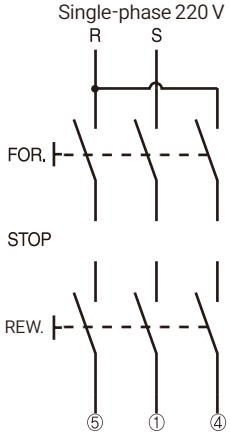
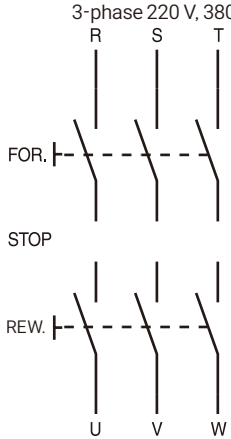
External dimensions

Appearance	External dimensions	Rating and contact configuration
 HY-513S		3P, 250 V a.c. 15 A 
 HY-514		3P, 250 V a.c. 15 A 
 HY-514S		3P, 250 V a.c. 15 A 

Appearance	External dimensions	Rating and contact configuration
 HY-516		3P, 250 V a.c. 15 A 
 HY-517		3P, 250 V a.c. 15 A 

Connection example

Forward/reverse switch for model HY-516 (internal wiring already completed)

Single-phase capacitor starting motor	Three-phase single-voltage (3-wire) motor
Single-phase 110 V  (Motor) Single-phase 220 V  (Motor)	3-phase 220 V, 380  (Motor)