

NEW

Emergency Off / Emergency Stop Switch

# A22E

With EMO/EMS Indication



# OMRON



Need to stop **the entire system?**



**A22E-EMO**  
With EMO Indication



Need to stop **only a certain part of the system?**



**A22E-EMS**  
With EMS Indication

Emergency OFF    Emergency STOP

Supports stop determination based on separate use of **EMO/EMS**

Prevents secondary accidents due to shutoff and reduces recovery work.

realizing

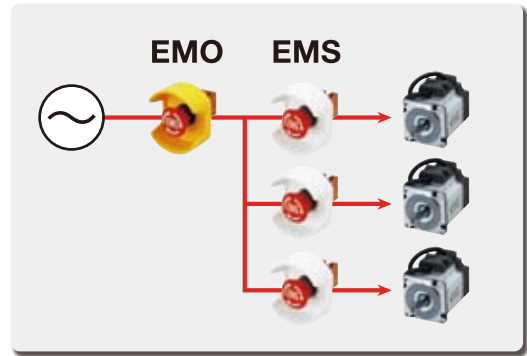
# Emergency Stop Switch meets international standards

## EMO (Emergency Off) and EMS (Emergency Stop)

In some cases, measures must be taken to minimize confusion between the EMO and EMS in terms of the related standards.



- IEC 60204-1 (2005)/JIS B 9960-1 (2008), Section 10.8.3
- SEMATECH Application Guide 2.0 for SEMI, Section 12.6

The SEMI-S2 standard requires that either a safety guard be installed to prevent erroneous emergency off or that the emergency stop switch be installed in a location where erroneous operation will not occur, while the IEC 60204-1 standard (JIS B 9960-1) does not require the installation of a safety guard.



### List of Models (Completely Assembled)



#### ● With EMO/EMS Indication

Operating		Set Model	Color of cap
Appearance	Contacts		
40-dia. head Medium Push-lock Turn reset With EMO Indication 	SPST-NC	A22E-M-01-EMO *	Red
	SPST-NO + SPST-NC	A22E-M-11-EMO *	
	DPST-NC	A22E-M-02-EMO *	
	DPST-NC + SPST-NO	A22E-M-12-EMO *	
	TPST-NC	A22E-M-03-EMO *	
40-dia. head Medium Push-lock Turn reset With EMS Indication 	SPST-NC	A22E-M-01-EMS *	
	SPST-NO + SPST-NC	A22E-M-11-EMS *	
	DPST-NC	A22E-M-02-EMS *	
	DPST-NC + SPST-NO	A22E-M-12-EMS *	
	TPST-NC	A22E-M-03-EMS *	

\* Models with Korean S-mark certification (scheduled for release in April 2009)

Note: E-stop shroud is sold separately.

#### ● Accessories

Item	Classification	Model	Remarks
E-stop Shroud for EMO, Yellow 	Legend plate for EMERGENCY OFF is not included.	A22Z-EG10	Provides SEMI-S2/SEMATECH APPLICATION GUIDE FOR SEMI S2 compatibility. Use with an A22E with EMO indication. (for emergency off)
E-stop Shroud for EMS, White 	Legend plate for EMERGENCY STOP is not included.	A22Z-EG10-W	Provides SEMI-S2/SEMATECH APPLICATION GUIDE FOR SEMI S2 compatibility. Use with an A22E with EMS indication. (for emergency stop)

\* These Shrouds are for use with semiconductor manufacturing equipment only. Do not use them for any other applications (e.g. emergency stop switches for machines or devices such as Machine tools, Printing presses, Industrial machinery, etc). It may not conform to Machinery Directive.

Note: For details such as dimensions, refer to the Safety Components Series 2009 catalog (Y106).

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