

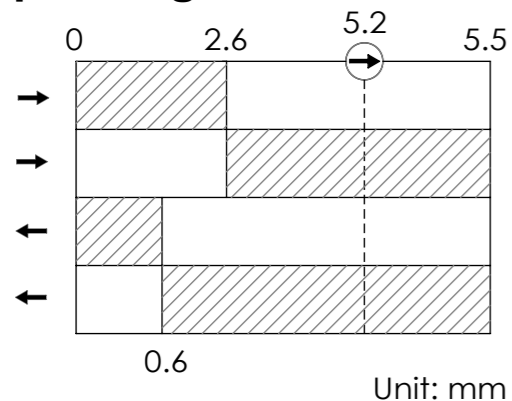
## Specification

<b>Safety Rating</b>	
Standards	IEC/EN 60947-5-1
Certifications	TUV and CE, marked for all applicable directives
<b>Outputs</b>	
Safety Contacts	1 N.C. snap acting
Auxiliary Contacts	1 N.O.
Thermal Current (I <sub>th</sub> )	10A
Rated Insulation Voltage (u <sub>i</sub> )	300VAC
Short Circuit Protection	10A max. fast acting IEC 60269 type gG or equivalent
<b>Operating Characteristics</b>	
Actuation Speed	250mm/s maximum
Actuation Speed	100mm/min. minimum
Actuation Frequency	6000 operation per hour maximum
Mechanical life	10,000,000 operation at room temperature
<b>Environmental</b>	
Enclosure Type Rating	NEMA 1, IP66 and IP67
Operating Temperature	-25 ~ 70°C
Pollution Degree	3
<b>Physical Characteristics</b>	
Housing Material	Die Cast Alloy
Actuator Material	Various polymers and metals
Mounting	2 x M4, Any position
Vibration	IEC 68-2-6 (10....55Hz, 0.35 mm amplitude)
Shock	IEC 68-2-7 (30 Gn 3 pulses per axis)
Connection	2 m(6.5 ft) cable, UL 2464 18AWG
Enclosure Color	Red

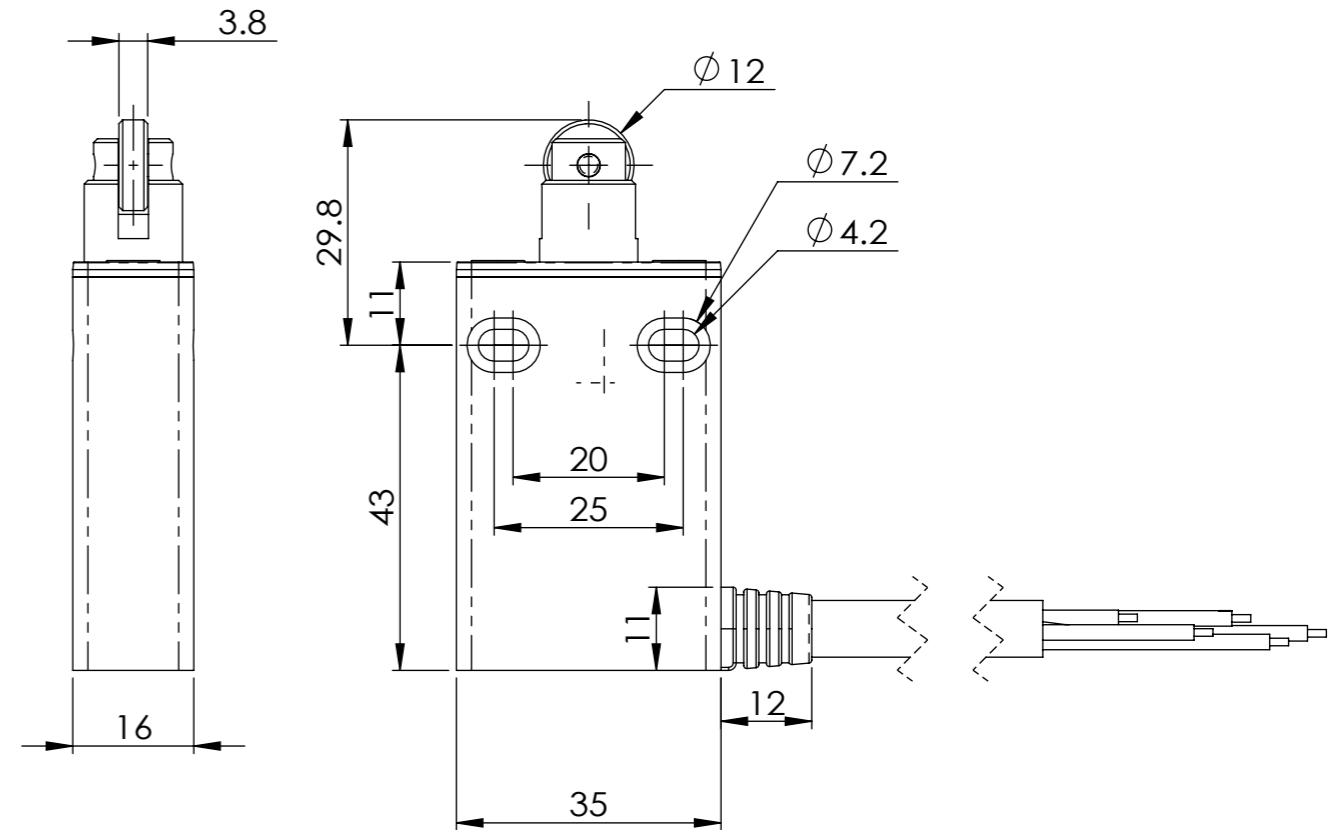
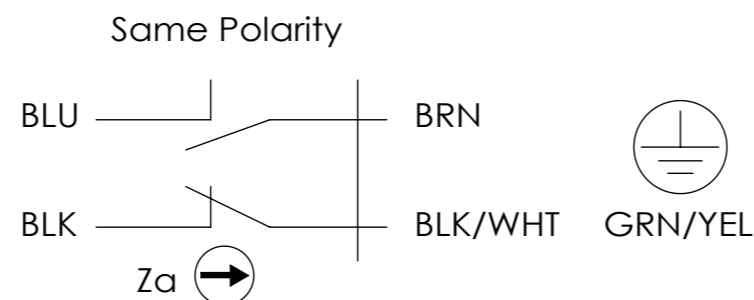
## Contact Rating

Maximum AC Contact Rating Per Pole (50/60 Hz)- Same Polarity						
NEMA Rating Designation	Max. Voltage	Amperes		Continuous Carrying Current(Amp.)	Voltamperes	
		Make	Break		Make	Break
AC-15/B300	120	30	3.0	5	3600	360
AC-15/B300	240	15	1.5	5	3600	360
Maximum DC Contact Rating Per Pole						
DC-13/Q300	240	0.27	0.27	2.5	69	69

## Operating Characteristics



## Wiring Diagram



A	First Issue		Richard	Richard	2026/3/12
ISS	DESCRIPTION	GRID	DRW.	APP.	DATE

<b>H</b>	<b>HIGHLY ELECTRIC CO.,LTD.</b>
<b>HIGHLY</b>	Fl.10-3, No. 738, Chung Cheng Road, Zhonghe District New Taipei City, Taiwan TEL:886-2-8226-1490 FAX:886-2-8226-1600

TITLE  
EFM-32 Roller Plunger Type

FINISH

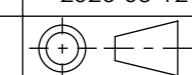
MATERIAL:

Material must conform to RoHS Directive

PART NO.  
EFM-L-3-32

DWG NO.  
**EFM-L-3-32**

DRAWN	DATE
Richard	2026-03-12
CHECKED	DATE
Richard	2026-03-12
APPROVER	DATE
Richard	2026-03-12
SCALE	
1:1	



A3