



Potentiometer, Flat Front, R = 100 kOhm

Part no. **M30C-FR100K**
 Catalog No. **187032**
 Eaton Catalog No. **M30C-FR100K**

Technical data

General

Standards			IEC/EN 60947 VDE 0660
Lifespan, mechanical	Operations		25000
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Degree of Protection			IP66
Ambient temperature			
Open		°C	-25 - +70
Mounting position			As required
Mechanical shock resistance		g	not planned
Terminal capacities		mm ²	
Solid		mm ²	0.5 - 1.5
Stranded		mm ²	0.5 - 1.5
Tightening torque for terminal screw		Nm	0.5

Contacts

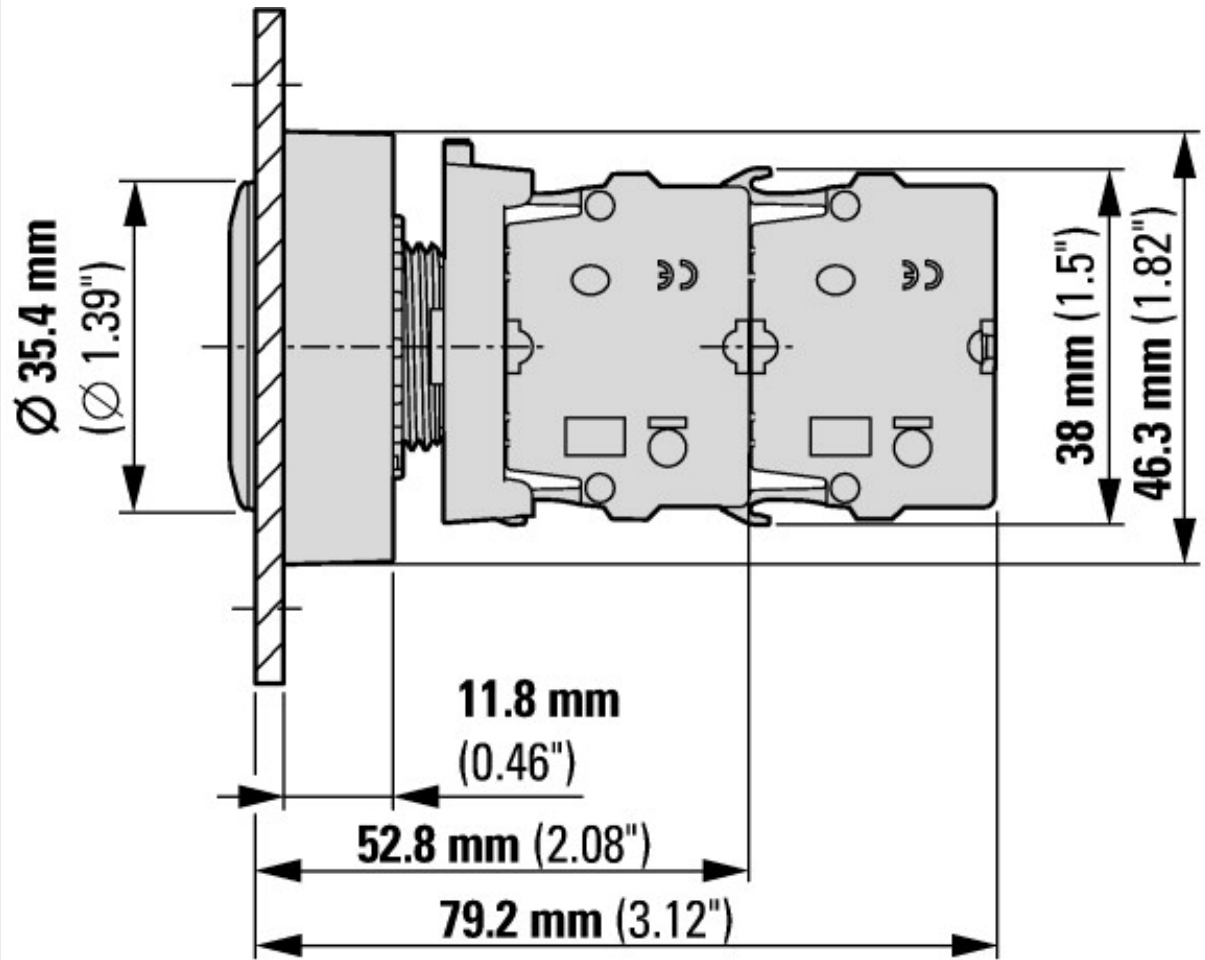
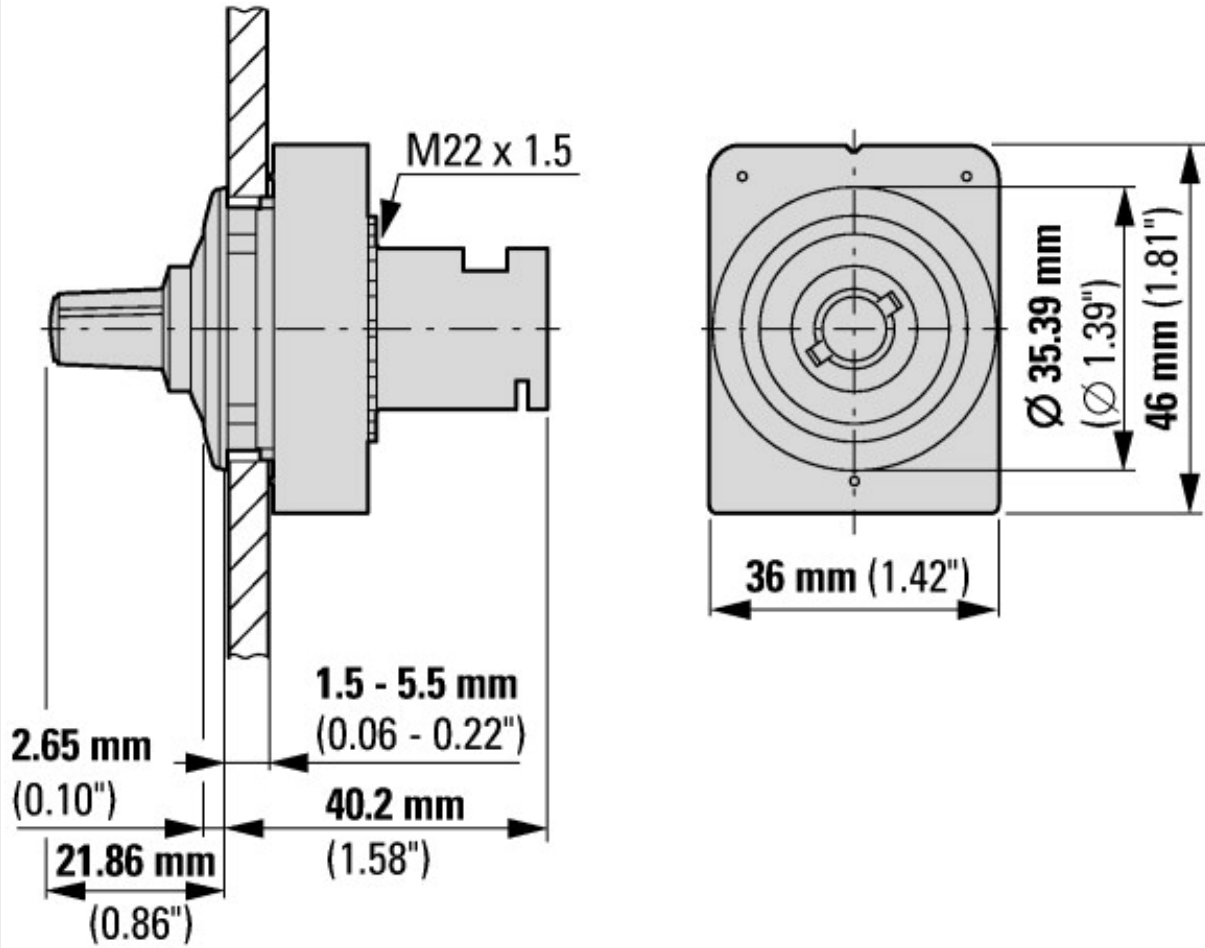
Rated impulse withstand voltage	U _{imp}	V AC	4000
Rated insulation voltage	U _i	V	250
Overvoltage category/pollution degree			III/3

Design verification as per IEC/EN 61439

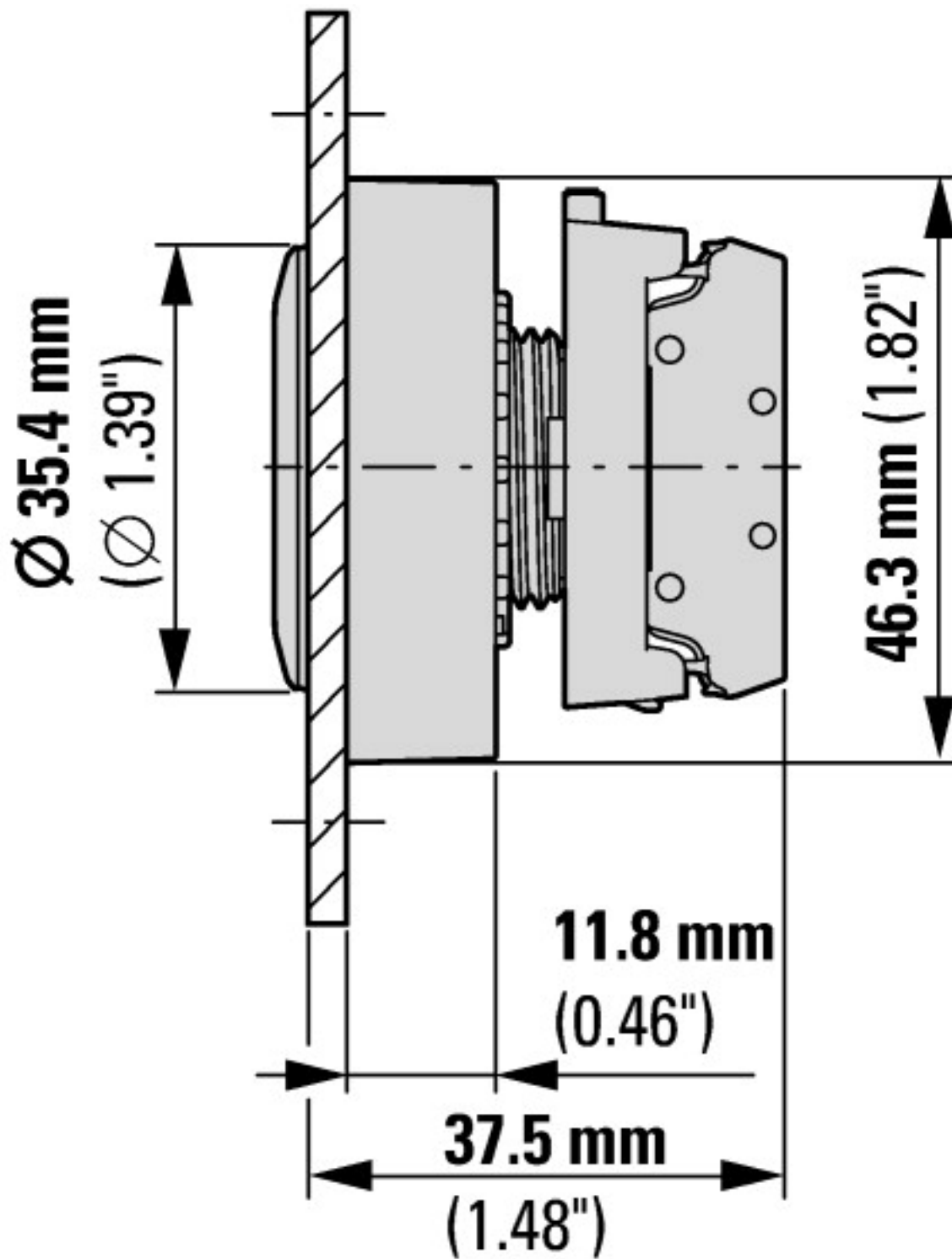
Technical data for design verification			
Operating ambient temperature max.		°C	-25
Operating ambient temperature max.		°C	70

Technical data ETIM 6.0

Low-voltage industrial components (EG000017) / Potentiometer for control circuit devices (EC001027)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Potentiometer for command devices (ecl@ss8.1-27-37-12-27 [AKF045011])			
Resistance		Ohm	100000
Power consumption		W	0.5
Hole diameter		mm	30
Degree of protection (IP)			IP66



with 2 M22-K... standard contact elements



with M22-FK... flat rear contact elements

