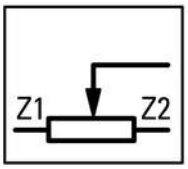


Potentiometer, Flat Front, R = 10 kOhm

Part no. M30C-FR10K
Catalog No. 187035
Eaton Catalog No. M30C-FR10K

Powering Business Worldwide

Delivery program

RMQ design 			flat front
Part group reference (e.g. DIL)			M30
Mounting hole diameter	⌀	mm	30.5
Basic function			Potentiometer
Single unit/Complete unit			Single unit
Description			3 individual screw terminals Accuracy of resistance value: ± 10% (linear)
Contact sequence			
Impedance	R	kΩ	10
Rated power	P	W	0.5
Degree of Protection			IP65
Front ring			Metal bezel
Connection to SmartWire-DT			no

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			IP65
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

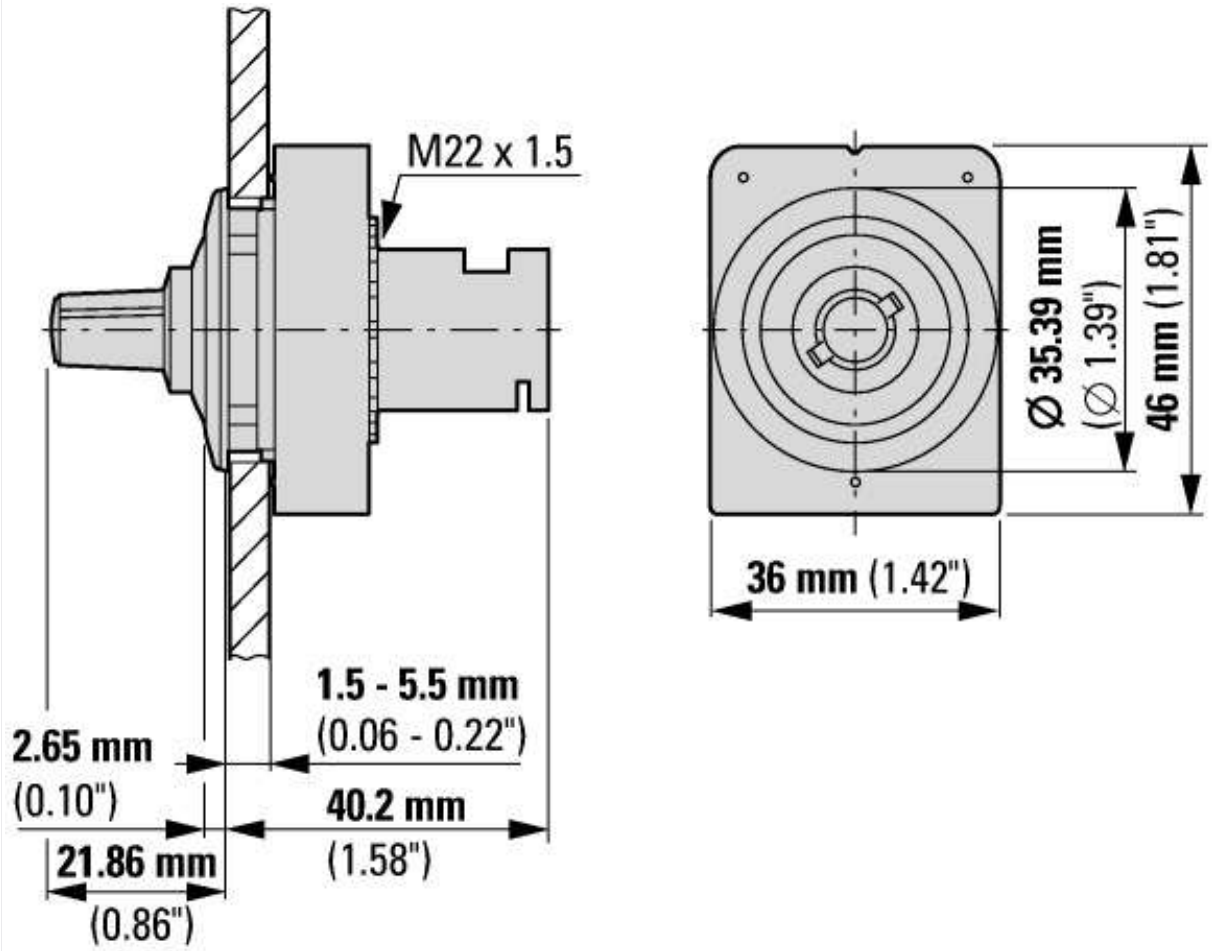
Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70

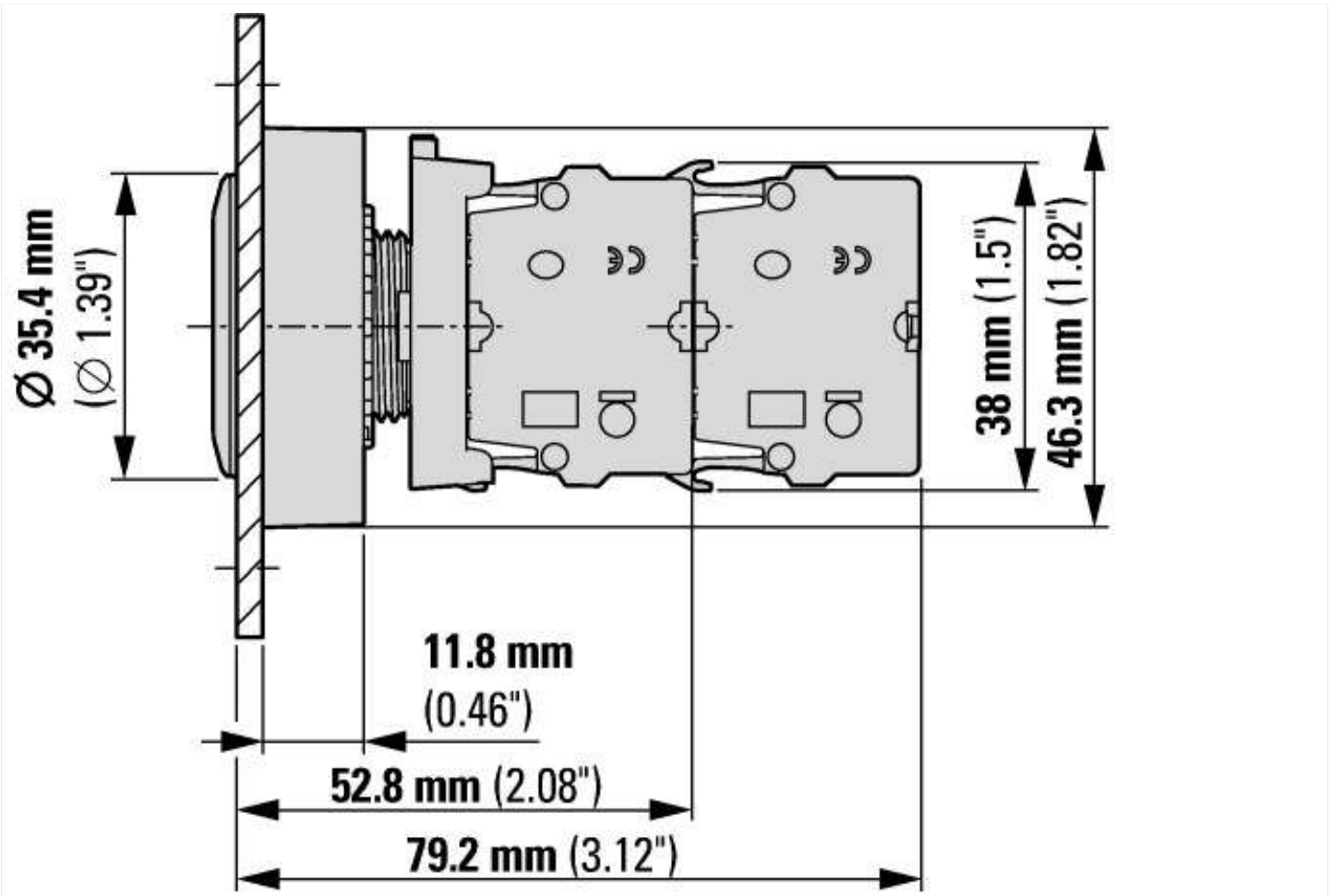
Technical data ETIM 6.0

Low-voltage industrial components (EG000017) / Potentiometer for control circuit devices (EC001027)

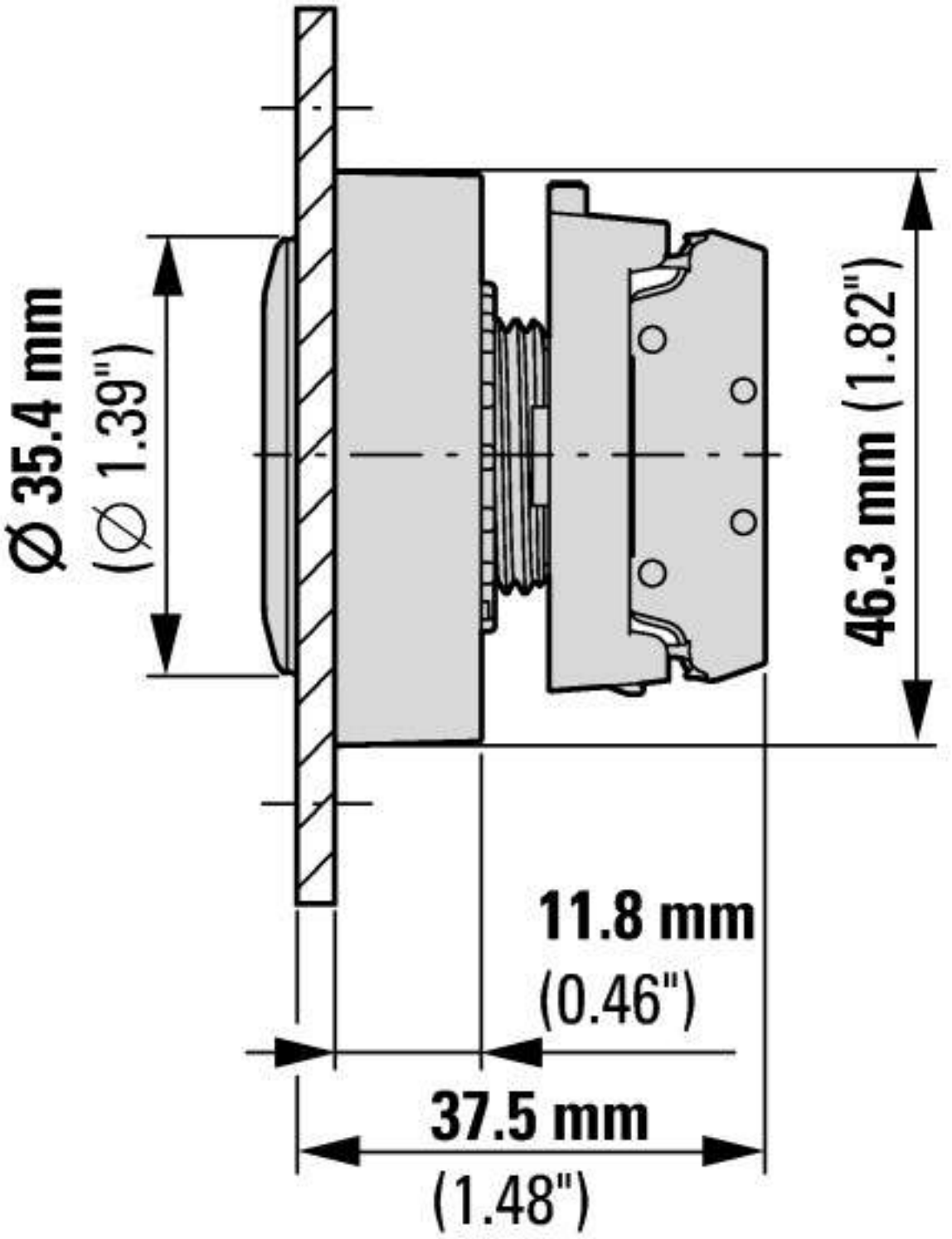
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Potentiometer for command devices (ecl@ss8.1-27-37-12-27 [AKF045011])			
Resistance		Ohm	10000
Power consumption		W	0.5
Hole diameter		mm	30
Degree of protection (IP)			IP66

Dimensions





with 2 M22-K… standard contact elements



with M22-FK… flat rear contact elements

Additional product information (links)

IL047019ZU Flat Front	
IL047019ZU Flat Front	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL047019ZU2017_02.pdf

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