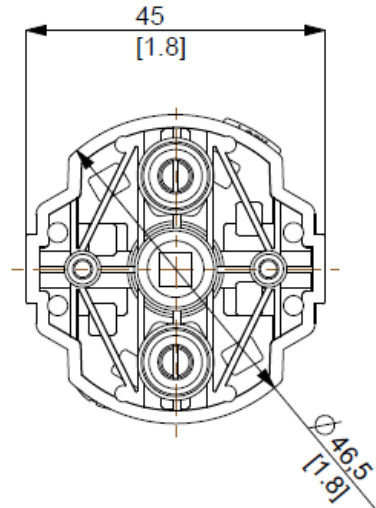
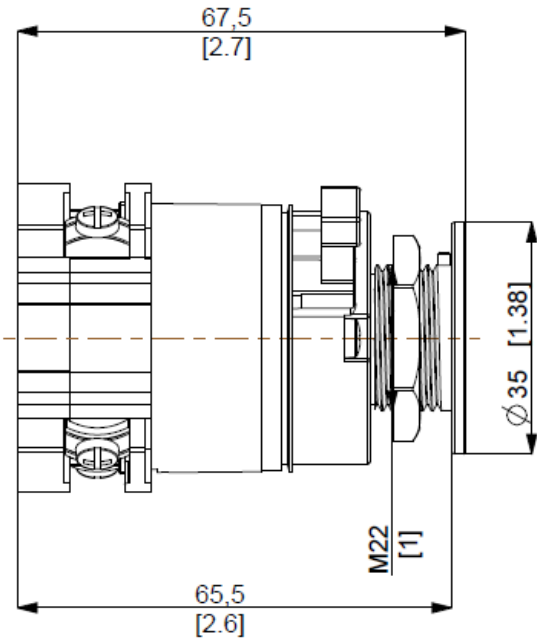
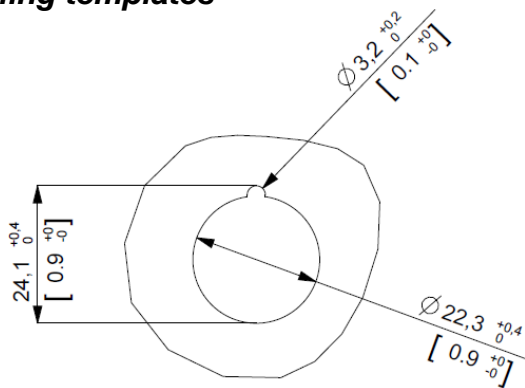


Cod. CA020V549FI2UVF

Dimensions



Drilling templates



Cod. CA020V549FI2UVF

Technical data				
Rated nominal voltage in DC [U1n, U2n, U3n]	Un	V		24,72,110 VDC
Minimum voltage	Umin	V		0,7 Un
Rated voltage	Umed	V		1,15 Un
Maximum voltage	Umax	V		1,25 Un
Rated insulation voltage	Ui	V		690 VAC
Dielectric test	U50			2500 VAC – 50 Hz – 60s
Rated impulse withstand test	Uimp	kV		6
Rated operating current				
Categories for use DC1				
Rated thermal current	Ith	A		16
Rated operational current	Ie	A		12
Minimum operating current	Imin	A		20 mA @ 24 VDC
Short circuit protection				
Rated short time withstand current	Icw	A		240
Rated short-circuit make capacity	Icm	A		1500
Rated conditional short-circuit current	-	kA		5
Mechanical characteristics				
Panel tickness	Max	mm		4
Mechanical life			Cycles x 10 ⁶	2
Switching	Max	24V DC (L/R 100ms)	A	10
		24V DC (L/R 40ms)	A	13
	Min	110V DC (L/R 40ms)	A	1,2
		5V DC (L/R= 100ms)	A	15
		24V DC	A	3
			Cycles/hr	120
Connection according to IEC 9471-1 and EN 50947-1				
Connecting capability	With flexible wires	Min-Max	mm ²	2x1,5-4
		Min-Max	AWG	16-10
	With solid wires	Min-Max	mm ²	2x1,5-6
Connection terminal screw dimensions			Type	M3,5
Screw tightening torque			Nm	1
Protection degree IEC 529 EN 60529				
Terminals			IP	00
Ambient conditions				
Classes of air temperature (EN 50125-1)				T3
Storage ambient temperature			°C	-30 ÷ +70
Withstand to constant humid according to IEC 60068				2-78
Withstand to cyclic humid according to IEC 60068				2-30
Mechanical characteristics Plate and knob				
Knob screw tightening torque			Nm	0,4
Plate screws tightening torque			Nm	0,7