



Mechanical data

Rotation angle: 300° ± 5°
Operating torque: 0.4 ÷ 1.5 Ncm
Permissible torque at end stop: 80 Ncm max
Permissible axial spindle load: 100 N
(5 sec max)
Tap: Z2 at 52% of rotation

Rotary switch:

Switching angle: 35° ± 5°
Operating torque: 4 ÷ 10 Ncm
Weight, std. spindle: ~ 16 g

Electrical data

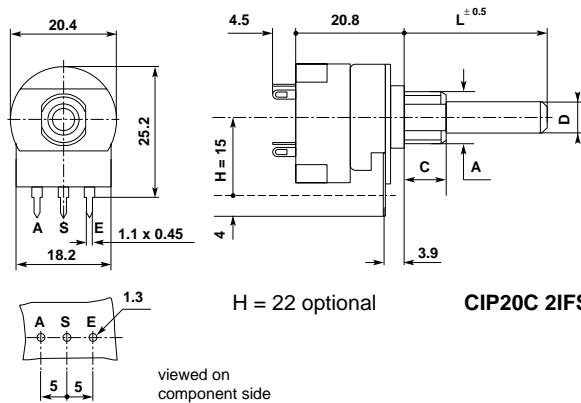
Rated dissipation @ 40°C: 0.4 W linear law
0.2 W non-linear law
Limiting element voltage: 500 VDC
Insulation resistance: ≥ 5 GΩ
Insulation voltage: 1000 VAC
Rated resistance: E3 Series; optional E6 Series
• linear law: 100R to 4M7
• non-linear law: 1K0 to 2M2
Tolerance on rated resistance:
• 100R to 1M0: ± 20%
• over 1M0: ± 30%
• optional (1K0 to 1M0): ± 10%
Resistance law: A, B, C, F, S, T, X
• with tap: A2, B2

Switch:

2-pole (DPST)
Breaking capacity: 2A-250 VAC
Peak current: 64A-250VAC
Resistive load: 5A-250 VAC
Protective classe (VDE) II

Approval:

VDE 0630



H = 22 optional

CIP20C 2IFS

Types

CIP20C 2IFS	P.c. terminations
P20C 2IFS	Solder tag terminations

Standard spindle & bush

L = 50 mm, plastic, F1 type
D = 6 mm
A = M10x0.75, plastic, KC type
C = 8 mm

Spindle and bushing details

D mm	A mm	Available types		
		Bush	Plastic Spindle	Metal Spindle
6	M10x0.75	KC, C, CE, CEBS	Fixed Plug-in	Fixed
4	M10x0.75 M7x0.75	C, CE C, CE	Fixed	Fixed

Spindle and bushing details, chassis piercing: see p. 108 to 111
Normalised spindles: see p. 112