



1) Reference edge 2) Function indicator FD/FE/LL 3) 1st pos.

- Mech. multiple position
- Snap contact
- Roller



General attributes	
Additional features	None
Approvals / Conformity	CSA CE CCC
Basic standard	IEC 60947-5-1
DIN switch	No
Enclosure Type per IEC 60529	IP67
Function indicator	3rd pos.: FD - 6...60 V 2nd pos.: FD - 6...60 V 1st pos.: FD - 6...60 V
B10d	BSE 30.0: 30 mil. swit. cycles
Electrical attributes	
Continuous current	1st pos.: 6 A 2nd pos.: 6 A 3rd pos.: 6 A
Effective operating voltage Ue	3rd pos.: 250 V AC 2nd pos.: 250 V AC 1st pos.: 250 V AC
Switching function mech.	Double-interrupting Galvanically isolated One NO and one NC Dual output function
Mechanical attributes	
Ambient temperature Ta max.	85 °C
Ambient temperature Ta min.	-5 °C
Approach direction	Vertical to mounting surface
Approach speed	2nd pos.: 60 m/min 3rd pos.: 60 m/min 1st pos.: 60 m/min
Connection	3. screw terminal 2. screw terminal 1. screw terminal
Connector	None
Contact material	3rd pos.: silver, gold plated 2nd pos.: silver, gold plated 1st pos.: silver, gold plated

Depth	87.5 mm
Dist. cam to reference edge	3rd pos.: 3 - 0.5 mm 2nd pos.: 3 - 0.5 mm 1st pos.: 3 - 0.5 mm
Flange feedthrough	1 threaded exit M25
Height (H)	90.0 mm
Housing finish	Eloxal
Housing material	Aluminum
Mech. installation condition	Vertical
Mechanical life expectancy	2nd pos.: 30 mil. operations 3rd pos.: 30 mil. operations 1st pos.: 30 mil. operations
No. of switch positions	3 ST
Operating principle	2nd pos.: mechanical 1st pos.: mechanical 3rd pos.: mechanical
Plgr. dist. 1st switch pos.	50 mm
Plunger block	No
Plunger diameter	10.0 mm
Plunger material	3rd pos.: stainless steel 2nd pos.: stainless steel 1st pos.: stainless steel
Plunger style	2nd pos.: Roller 3rd pos.: Roller 1st pos.: Roller
Spacing (T)	12 mm
Style	72
Switching element	2nd pos.: BSE 30.0 1st pos.: BSE 30.0 3rd pos.: BSE 30.0
Switching operation force	1st pos.: min. 20 N 2nd pos.: min. 20 N 3rd pos.: min. 20 N
Switching rate	3rd pos.: max. 300/min 2nd pos.: max. 300/min 1st pos.: max. 300/min
Type	Mech. multiple position
Version	Snap contact
Width	84 mm

BSE 30.0

