

XCKJ Accessories

Table 21.50: Omnidirectional Heads

Non-plug-in Style Contact Block



XE2SP2151



ZCKY11/13/14



ZCKY43/41



ZCKY51/52/53/59



ZCKY61



ZCKY71



ZCKY81



ZCKY91

Contact Operation with Switch Bodies:	1 Step ZCKJ1, J11, J2, J21	2 Step ZCKJ4, J41	1 Step ZCKJ5	Operating Force/Torque	Catalog Number
Cat whisker-steel [4]				18.4 oz-in, 0.13 N	ZCKE06
Wobble coil springs [4]				18.4 oz-in, 0.13 N	ZCKE08

Table 21.51: Operating Heads—for extended temperature ranges

Description	Catalog Number	
	Low temperature [5] -40 °F to +158 °F (-40 °C to +70 °C)	High temperature [5] -13 °F to +248 °F (-25 °C to +120 °C)
Lever operated	Standard operations	ZCKE056
	Maintained operations	ZCKE096
Plunger operated	Top rod plunger	ZCKE616
	Ball-bearing top plunger	ZCKE666
	Top roller plunger	ZCKE676
	One way Delrin roller	ZCKE216
	One way steel roller	ZCKE236
	Side rod plunger	ZCKE636
	Side steel roller plunger-horizontal	ZCKE646
Omnidirectional	Cat whisker	ZCKE066
	Wobble coil spring	ZCKE086

Table 21.52: Replacement Parts

Description	Direct Opening	Catalog Number
(see page 21-24 for contact description)		
Contact block for ZCKJ1H7	Y	XE2SP2151
Contact block for ZCKJ2H7	N	XESP2021
Contact block for ZCKJ4H7	N	XESP2031
Contact block for ZCKJ5H7	Y	XE2NP2151
Contact block for ZCKJ18H7 (gold flashed)	Y	XE2SP2158
Contact block for ZCKJ28H7 (gold flashed)	N	XESP2028
Plug-in module for ZCKJ11H7 (includes contact block)	N	ZCKJ01H7
Plug-in module for ZCKJ21 (includes contact block)	N	ZCKJ02H7
Plug-in module for ZCKJ41 (includes contact block)	N	ZCKJ04H7
Base receptacle for ZCKJ11H7	—	ZCKJ019H7
Base receptacle for ZCKJ21H7	—	ZCKJ029H7
Base receptacle for ZCKJ41H7	—	ZCKJ029H7

Table 21.53: Lever Arms

Description	Adjustment Increments	Catalog Number
Adjustable or Flexible Operators [6]		
Adjustable Delrin roller, 0.74 in. diameter, 0.2 in. wide, 3 in. long (max.)	5° or 90°	ZCKY41
Adjustable steel roller, 0.74 in. diameter, 0.2 in. wide, 3 in. long (max.)	5° or 90°	ZCKY43
Adjustable rod-square, steel, 1/8 in. side, 5.4 in. long (max.)	5° or 45°	ZCKY51
Adjustable rod-round, fiberglass, 1/8 in. diameter, 5.4 in. long (max.)	5° or 45°	ZCKY52
Adjustable rod-round, steel, 1/8 in. diameter, 5.4 in. long (max.)	5° or 45°	ZCKY53
Adjustable rod-round, plastic, 1/4 in. diameter, 8.4 in. long (max.)	5° or 45°	ZCKY59
Coil spring lever	5° or 90°	ZCKY81
Spring rod lever	5° or 90°	ZCKY91
Reverse Mounting		
Delrin roller 0.9 in. diameter, 0.2 in. wide, 1.6 in. long	5° or 45° [7]	ZCKY11
Steel roller 0.9 in. diameter, 0.2 in. wide, 1.6 in. long	5° or 45° [7]	ZCKY13
Ball bearing roller 0.9" diameter, 0.2 in. wide, 1.6 in. long	5° or 45° [7]	ZCKY14
Fork, 2 track, Delrin roller, 0.9 in. diameter, 0.2 in. wide for ZCK-E09	5° or 45° [7]	ZCKY61
Fork, 1 track, Delrin roller, 0.9 in. diameter, 0.2 in. wide for ZCK-E09	5° or 45° [7]	ZCKY71

[4] Flexible operators do not guarantee direct (positive) opening operation.

[5] The minimum temperatures listed are based on the absence of freezing moisture or water.

[6] Adjustable and flexible operators do not guarantee positive opening operation.

[7] Reverse mounting: The higher increment (45°) is a direct (positive) opening contact feature which ensures no loss of mechanical effort between the actuation point and the moving contact bridge of the direct (positive) contact (N.C.) even if the lever is loosely mounted.