
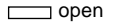


"Severe duty" compact,

Complete switches

1 C/O snap action contact, pre-wired cable, length 1 metre*
or more upon request

group IIC-T6

Contact function
 closed
 open



XCW-A110



XCW-A102



XCW-A115



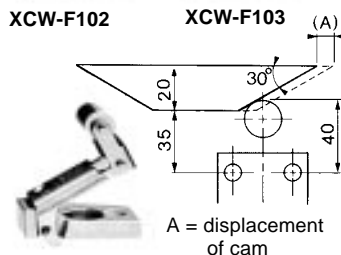
XCW-F110



XCW-F102

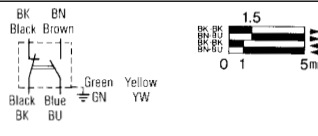
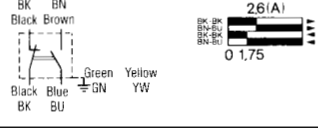
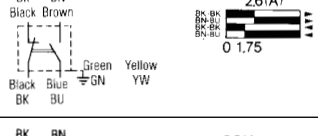
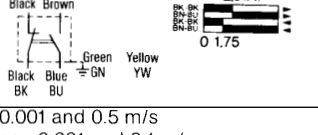


XCW-F103



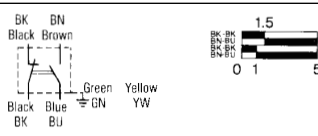
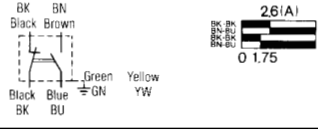
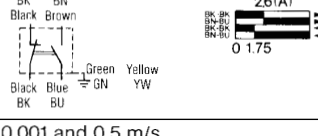
XCW-Z24

Fixing by the body (conforming to NF C 63-145 class Y2)

| Description | Contact function | Reference | Weight kg |
|--|---|-----------------|-----------|
| Steel end plunger (1) |  | XCW-A110 | 0.240 |
| Steel roller plunger for lateral cam approach (2) |  | XCW-A102 | 0.245 |
| Steel roller plunger for traverse cam approach (2) |  | XCW-A103 | 0.245 |
| Thermoplastic roller lever (3) Rotary operation |  | XCW-A115 | 0.245 |

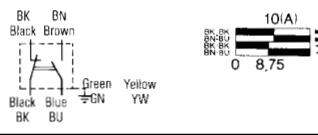
(1) Actuation on end. Speed between 0.001 and 0.5 m/s
 (2) Actuation by 30° cam. Speed between 0.001 and 0.1 m/s
 (3) Actuation by 30° cam, max. speed: 1.5 m/s

Fixing by the head

| Description | Contact function | Reference | Weight kg |
|--|--|-----------------|-----------|
| Steel end plunger (1) |  | XCW-F110 | 0.260 |
| Steel roller plunger for lateral cam approach (2) |  | XCW-F102 | 0.265 |
| Steel roller plunger for traverse cam approach (2) |  | XCW-F103 | 0.265 |

(1) Actuation on end. Speed between 0.001 and 0.5 m/s
 (2) Actuation by 30° cam. Speed between 0.001 and 0.1 m/s
N.B.: Insulation voltage of cable: 1000 V

Attachment (mounted by the customer)

| Description | Contact function | Reference | Weight kg |
|------------------|--|----------------|-----------|
| Roller lever (1) |  | XCW-Z24 | 0.080 |

(1) 1 direction of actuation by 30° cam.
 ★ For pre-wired cables 2 metres in length, add 2 to the references shown above.

EEx "d"


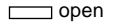
"Severe duty"

Complete switches
1 C/O snap action contact,

group IIC-T6

With nickel plated brass cable gland 3/4" NPT 3F reference 943404

With plunger heads

Contact function
 closed
 open



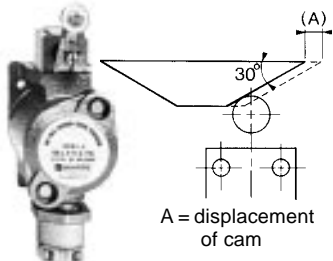
XC8-JC161P112

XC8-JC162P112



XC8-JC163P112

XC8-TA1P112



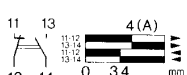
XC8-JC10111P112



XC8-JC10131P112



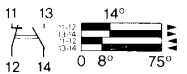
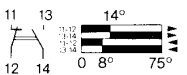
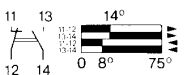
XC8-JC10151P112

| Description | Contact function | Reference | Weight kg |
|--------------------------------------|--|----------------------|-----------|
| Steel plunger (1) |  | XC8-JC161P112 | 1.980 |
| Roller plunger (2) |  | XC8-JC162P112 | 1.990 |
| Side plunger (2) |  | XC8-JC163P112 | 1.990 |
| Heavy duty roller plunger (2) |  | XC8-TA1P112 | 2.300 |

(1) Actuation on end. Maximum speed: 0.5 m/s

(2) Actuation by 30° cam. Maximum speed: 0.5 m/s

With rotary heads

| Description | Contact function | Reference | Weight kg |
|--|---|------------------------|-----------|
| Delrin roller lever (3) |  | XC8-JC10111P112 | 2.030 |
| Variable length Delrin roller lever (3) |  | XC8-JC10131P112 | 2.030 |
| Steel rod (4) |  | XC8-JC10151P112 | 2.030 |
| | | XC8-JC10511P112 | 2.030 |
| | | XC8-JC10531P112 | 2.030 |
| | | XC8-JC10551P112 | 2.030 |

(3) Actuation by 30° cam. Maximum speed: 1.5 m/s


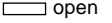
(4) Actuation by cylindrical finger. Maximum speed: 1.5 m/s

(5) By programming the operating head

Assemble switches of your choice Other than those shown above, using adaptable sub-assemblies. See pages 71 to 73.

"Severe duty"

Adaptable sub-assemblies

Contact function
 closed
 open



ZC2-JE61



ZC2-JE62



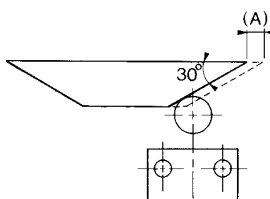
ZC2-JE63



ZC2-JE64



ZC2-JE65



A = displacement of cam

Plunger heads.

1 step

| Description | Contact function with ZC8-JC1 | Contact function with ZC8-JC2 | Reference | Weight kg |
|---|-------------------------------|-------------------------------|-----------|-----------|
| End plunger (1) | | | ZC2-JE61 | 0.195 |
| End roller plunger (2) | | | ZC2-JE62 | 0.200 |
| End ball bearing plunger (2) | | | ZC2-JE66 | 0.205 |
| Side plunger (1) | | | ZC2-JE63 | 0.240 |
| Side plunger with horizontal roller (2) | | | ZC2-JE64 | 0.245 |
| Side plunger with vertical roller (2) | | | ZC2-JE65 | 0.245 |

(1) Actuation on end. Maximum speed: 0.5 m/s
 (2) Actuation by 30° cam. Maximum speed: 0.5 m/s

2 step

| Description | Contact function with ZC8-JC4 | Reference | Weight kg |
|---|-------------------------------|-----------|-----------|
| End plunger (3) | | ZC2-JE81 | 0.195 |
| End roller plunger (4) | | ZC2-JE82 | 0.200 |
| Side plunger (3) | | ZC2-JE83 | 0.195 |
| Side plunger with horizontal roller (4) | | ZC2-JE84 | 0.245 |
| Side plunger with vertical roller (4) | | ZC2-JE85 | 0.245 |

(3) Actuation on end. Maximum speed: 0.5 m/s
 (4) Actuation by 30° cam. Maximum speed: 0.5 m/s

"Severe duty"

Adaptable sub-assemblies

Contact function

■ closed
□ open

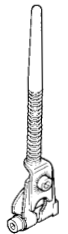
Rotary heads (without operator)



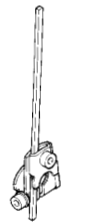
ZC2-JE01



ZC2-JY11



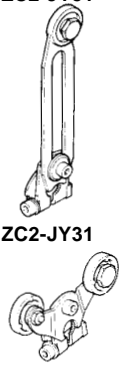
ZC2-JY81



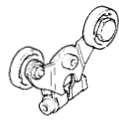
ZC2-JY51



ZC2-JY81



ZC2-JY31



ZC2-JY61



ZC2-JE70

1 step

| Description | Contact function with ZC8-JC1 | Contact function with ZC8-JC2 | Reference | Weight kg |
|---|-------------------------------|-------------------------------|-----------|-----------|
| Actuation from left and right spring return (1) | | | ZC2-JE01 | 0.210 |
| Actuation from left spring return (1) | | | ZC2-JE02 | 0.210 |
| Actuation from right spring return (1) | | | ZC2-JE03 | 0.210 |
| Actuation from left or right spring return (1) | | | ZC2-JE05 | 0.210 |
| Actuation from left and right stay put | | | ZC2-JE09 | 0.210 |

2 step

| Description | Contact function with ZC8-JC4 | Reference | Weight kg |
|--|-------------------------------|-----------|-----------|
| 1st contact actuated from left spring return (1) AND 2nd contact actuated from right spring return (1) | | ZC2-JE04 | 0.210 |
| Both contacts actuated from left spring return (1) | | ZC2-JE06 | 0.210 |
| Both contacts actuated from right spring return (1) | | ZC2-JE07 | 0.210 |

Operators for rotary heads

| | | | |
|--|---|----------|-------|
| Levers | Delrin roller | ZC2-JY11 | 0.030 |
| | Steel roller | ZC2-JY13 | 0.040 |
| | Ball bearing mounted roller | ZC2-JY12 | 0.040 |
| | Spring | ZC2-JY81 | 0.040 |
| | Steel rod \square 3 mm length: 125 mm | ZC2-JY51 | 0.035 |
| | Spring rod | ZC2-JY91 | 0.040 |
| Variable length lever | Delrin roller | ZC2-JY31 | 0.045 |
| Forked arm (only for use with ZC2-JE09 head) | Single track, Delrin rollers | ZC2-JY71 | 0.055 |
| | Double track, Delrin rollers | ZC2-JY61 | 0.055 |

Multi-directional head

| | | | | |
|--|--|--|----------|-------|
| "Cat's whisker" (2) | | | ZC2-JE70 | 0.190 |
| Note: flexible actuator, hence non-positive operation | | | | |

(1) Actuation by 30° cam. Maximum speed: 1.5 m/s

(2) Actuation by cylindrical finger from any direction. Maximum speed: 1 m/s