

17849192

REV. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

14 CE SERIES
CHART MTG-CE-86

RELEASE NUMBER MS 11463 REPLACES

DRAWN ML 23.4.80

Honeywell

SMALL PRECISION
LIMIT SWITCH

14CE SERIES
CHART MTG-CE-86

ACTIVATOR TYPE CABLE LENGTH OPTIONS

1, 2, 3, 18, 19, 22, 27
28, 29, 31, 35 ON 86

LENGTH IN METERS

CATALOGUE LISTING CONVENTION

OPTIONS CAN BE COMBINED WITHIN LOGICAL LIMITS (80 14CE2-1M)

NOTES:-

- 1 : DIE CAST HOUSING FINISHED IN GREY PAINT
- 2 : SWITCH MOUNTS THROUGH A 14.5 DIA HOLE
- 3 : MAXIMAL PANEL THICKNESS : 4.2
- 4 : SWITCH MOUNTS THROUGH 10.5 DIA HOLE
- 5 : TEMPERATURE RANGE : 0°C TO +70°C (STANDARD)
- 6 : ROLLER PARALLEL WITHIN 3° TO MOUNTING FACE
- 7 : ROLLER PERPENDICULAR WITHIN 3° TO MOUNTING FACE
- 8 : ALL LOGICAL LISTINGS ARE IEC 947-5-1 APPROVED EXCEPT:
- 9 : LISTINGS CAN BE SUFFIXED WITH R.S (e.g. 14CE1-1RPS)

OPTIONS

- A : SIDE ENTRY OPERATING HOLES
- B : 10 DIA. STAINLESS STEEL PLUNGER
- C : SINTERED IRON ROLLER
- D : BOOT SEAL
- E : RESISTANT HEX DIA. 24.5 SCREW AND LOCKWASHER
- F : TERMINAL OPERATING
- G : BALL BEARING
- H : 7.0 DIA. BALL BEARING
- I : 11
- J : 11
- K : 11
- L : 11
- M : 11
- N : 11
- O : 11
- P : 11
- Q : 11
- R : 11
- S : 11
- T : 11
- U : 11
- V : 11
- W : 11
- X : 11
- Y : 11
- Z : 11

SHAKERPROOF:

- TYPE 1: 10 X 1 T-HEAD
- TYPE 2: 12.4 X 4.7 WIDE SINTERED IRON ROLLER
- TYPE 3: 12.4 X 4.7 WIDE SINTERED IRON ROLLER
- TYPE 18: 12.4 DIA. X 4.7 WIDE SINTERED IRON ROLLER
- TYPE 19: 12.4 DIA. X 4.7 WIDE SINTERED IRON ROLLER
- TYPE 22: 7.0 DIA. BALL BEARING
- TYPE 27: 11 X 11 T-HEAD
- TYPE 28: 12.4 X 4.7 WIDE SINTERED IRON ROLLER
- TYPE 29: 12.4 X 4.7 WIDE SINTERED IRON ROLLER
- TYPE 31: 12.4 X 4.7 WIDE SINTERED IRON ROLLER
- TYPE 35: 12.4 X 4.7 WIDE SINTERED IRON ROLLER

BASIC SWITCH

STANDARD SILVER CONTACTS

RED CONTACTS - OPTION 'R'

ELECTRICAL RATINGS

5A - 250VAC (STANDARD)

1A 125VAC 300C

IEC 947-5-1 (STANDARD)

100 250VAC 1000

CIRCUIT DIAGRAM

CABLE

4 X 0.75 MM HARDENED CONDUCTOR CABLE.

| SWITCH TYPE | ISSUE NUMBER | RELEASE NUMBER | OPTIONS | DIFF. TRAVEL (MAX.) | OPERATING FORCE (MAX) | RELEASE FORCE (MIN) | OPERATING POSITION | MAX FREE LENGTH |
|-------------|--------------|----------------|-----------------------------------------------------|---------------------|-----------------------|---------------------|---------------------|-----------------|
| 14CE1 | | | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z | 0.1 | 11.8 | 4.4 | 15.7±1.0 | 54 |
| 14CE2 | | | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z | 0.1 | 22.5 | 4.4 | 28.5±1.0 | 57 |
| 14CE3 | | | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z | 0.1 | 11.8 | 4.4 | 24.8±1.0 | 53 |
| 14CE18 | | | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z | 0.1 | 22.5 | 4.4 | ADJUSTABLE 32 TO 39 | 77.4 |
| 14CE19 | | | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z | 0.1 | 11.8 | 4.4 | ADJUSTABLE 32 TO 39 | 64.1 |
| 14CE22 | | | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z | 0.1 | 9 | 3 | 27.4 MAX | 64.1 |
| 14CE27 | | | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z | 0.1 | 11.8 | 4.4 | 28.3±1.0 | 57.2 |
| 14CE28 | | | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z | 0.1 | 11.8 | 4.4 | 42.5±1.0 | 81 |
| 14CE29 | | | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z | 0.1 | 17.5 | 4.4 | 34.4±1.0 | 73 |
| 14CE31 | | | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z | 0.1 | 11.8 | 4.4 | 24.4±1.0 | 53 |
| 14CE35 | | | A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z | 0.1 | 11.8 | 4.4 | 24.4±1.0 | 53 |