

Cable Connection chart of Cubicle F for WAP7/WAG9/WAP5 Supposed to be

Included in CLW Spec no. CLW/ES/3/0652

35 PIN /40 GRADE XKA:01**

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|----------------|----------------------------|------------------|------------------------|----------------------|
| 1 | 1.5 | 4245 | XK**A:01-1 | XF**A:04-18 |
| 2 | 1.5 | 2309 | XK**A:01-2 | XF**A:02-3 |
| 3 | 1.5 | 2061 | XK**A:01-3 | XF**A:01-25 |
| 4 | 1.5 | 3108 | XK**A:01-4 | XF**A:03-18 |
| 5 | 2.5 | 2050 | XK**A:01-5 | XF**A:01-7 |
| 6 | 2.5 | 2050 | XK**A:01-6 | XF**A:01-7 |
| 7 | 1.5 | 2063 | XK**A:01-7 | XF**A:01-14 |
| 8 | 1.5 | 2067 | XK**A:01-8 | XF**A:01-15 |
| 9 | 1.5 | 2069 | XK**A:01-9 | XF**A:01-16 |
| 10 | 1.5 | 2300 | XK**A:01-10 | XF**A:01-17 |
| 11 | 1.5 | 2310 | XK**A:01-11 | XF**A:01-18 |
| 12 | 1.5 | 3001 | XK**A:01-12 | XF**A:01-19 |
| 13 | 1.5 | 3054 | XK**A:01-13 | XF**A:01-20 |
| 14 | 1.5 | 3530 | XK**A:01-14 | XF**A:01-21 |
| 15 | 1.5 | 4218 | XK**A:01-15 | XF**A:01-22 |
| 16 | 1.5 | 4234 | XK**A:01-16 | XF**A:01-23 |
| 17 | 1.5 | 4235 | XK**A:01-17 | XF**A:01-24 |
| 18 | 1.5 | 2097 | XK**A:01-18 | XF**A:01-26 |
| 19 | 1.5 | 2099 | XK**A:01-19 | XF**A:01-27 |
| 20 | 2.5 | 2111 | XK**A:01-20 | XF**A:02-1 |
| 21 | 1.5 | 2313 | XK**A:01-21 | XF**A:02-4 |
| 22 | 1.5 | 2331 | XK**A:01-22 | XF**A:02-5 |
| 23 | 1.5 | 2333 | XK**A:01-23 | XF**A:02-6 |
| 24 | 1.5 | 2334 | XK**A:01-24 | XF**A:02-7 |
| 25 | 1.5 | 2500 | XK**A:01-25 | XF**A:02-8 |
| 26 | 1.5 | 2503 | XK**A:01-26 | XF**A:02-9 |
| 27 | 1.5 | 2514 | XK**A:01-27 | XF**A:02-10 |
| 28 | 1.5 | 2516 | XK**A:01-28 | XF**A:02-11 |
| 29 | 1.5 | 2520 | XK**A:01-29 | XF**A:02-12 |
| 30 | 1.5 | 2521 | XK**A:01-30 | XF**A:02-13 |
| 31 | 1.5 | 2522 | XK**A:01-31 | XF**A:02-14 |
| 32 | 1.5 | 2523 | XK**A:01-32 | XF**A:02-15 |
| 33 | 1.5 | 2524 | XK**A:01-33 | XF**A:02-16 |
| 34 | 1.5 | 2525 | XK**A:01-34 | XF**A:02-17 |
| 35 | 1.5 | 2526 | XK**A:01-35 | XF**A:02-18 |

61 PIN / 40 GRADE XKA:02**

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|----------------|----------------------------|------------------|------------------------|----------------------|
|----------------|----------------------------|------------------|------------------------|----------------------|

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| | | | | |
|----|-----|------|-------------|-------------|
| 1 | 1.5 | 2527 | XK**A:02-1 | XF**A:02-19 |
| 2 | 1.5 | 2532 | XK**A:02-2 | XF**A:02-20 |
| 3 | 1.5 | 2540 | XK**A:02-3 | XF**A:02-21 |
| 4 | 1.5 | 2541 | XK**A:02-4 | XF**A:02-22 |
| 5 | 1.5 | 2542 | XK**A:02-5 | XF**A:02-23 |
| 6 | 1.5 | 2803 | XK**A:02-6 | XF**A:02-24 |
| 7 | 1.5 | 2804 | XK**A:02-7 | XF**A:02-25 |
| 8 | 1.5 | 2807 | XK**A:02-8 | XF**A:02-26 |
| 9 | 1.5 | 3005 | XK**A:02-9 | XF**A:02-27 |
| 10 | 1.5 | 3020 | XK**A:02-10 | XF**A:02-28 |
| 11 | 1.5 | 3033 | XK**A:02-11 | XF**A:03-1 |
| 12 | 1.5 | 3034 | XK**A:02-12 | XF**A:03-2 |
| 13 | 1.5 | 3035 | XK**A:02-13 | XF**A:03-3 |
| 14 | 1.5 | 3060 | XK**A:02-14 | XF**A:03-4 |
| 15 | 2.5 | 3064 | XK**A:02-15 | XF**A:03-5 |
| 16 | 2.5 | 3065 | XK**A:02-16 | XF**A:03-6 |
| 17 | 2.5 | 3066 | XK**A:02-17 | XF**A:03-7 |
| 18 | 2.5 | 3067 | XK**A:02-18 | XF**A:03-8 |
| 19 | 2.5 | 3069 | XK**A:02-19 | XF**A:03-9 |
| 20 | 1.5 | 3071 | XK**A:02-20 | XF**A:03-10 |
| 21 | 1.5 | 3117 | XK**A:02-26 | XF**A:03-19 |
| 22 | 1.5 | 3501 | XK**A:02-27 | XF**A:03-20 |
| 23 | 1.5 | 3543 | XK**A:02-28 | XF**A:03-23 |
| 24 | 1.5 | 3544 | XK**A:02-29 | XF**A:03-24 |
| 25 | 1.5 | 3549 | XK**A:02-30 | XF**A:03-27 |
| 26 | 1.5 | 3554 | XK**A:02-31 | XF**A:04-1 |
| 27 | 1.5 | 4211 | XK**A:02-32 | XF**A:04-2 |
| 28 | 1.5 | 4232 | XK**A:02-33 | XF**A:04-3 |
| 29 | 1.5 | 4237 | XK**A:02-34 | XF**A:04-4 |
| 30 | 1.5 | 4242 | XK**A:02-35 | XF**A:04-5 |
| 31 | 1.5 | 5671 | XK**A:02-36 | XF**A:04-6 |
| 32 | 1.5 | 5672 | XK**A:02-37 | XF**A:04-7 |
| 33 | 1.5 | 5673 | XK**A:02-38 | XF**A:04-8 |
| 34 | 1.5 | 3542 | XK**A:02-61 | XF**A:03-22 |

FOR WAP 7 & 5 ONLY

| | | | | |
|----|-----|--------|-------------|-------------|
| 35 | 1.5 | 2500AR | XK**A:02-39 | XF**A:05-10 |
| 36 | 1.5 | 2503AR | XK**A:02-40 | XF**A:05-11 |
| 37 | 1.5 | 2331AR | XK**A:02-41 | XF**A:05-12 |
| 38 | 1.5 | 4242AR | XK**A:02-42 | XF**A:05-13 |
| 39 | 1.5 | 2111AR | XK**A:02-43 | XF**A:05-14 |
| 40 | 1.5 | 5371AR | XK**A:02-44 | XF**A:05-15 |
| 41 | 1.5 | 5372AR | XK**A:02-45 | XF**A:05-16 |
| 42 | 1.5 | 2050AR | XK**A:02-50 | XF**A:05-17 |

5 PIN /18 GRADE 40 XKB**

| Sl. No. | Cable Cross | Cable no. | Connection From | Connection To |
|---------|-------------|-----------|-----------------|---------------|
|---------|-------------|-----------|-----------------|---------------|

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| | Section | | | |
|---|---------|------|---------|------------|
| 1 | 1(2P+S) | 1501 | XK**B-1 | 224.2-1 |
| 2 | 1(2P+S) | 1501 | XK**B-2 | 224.2-3 |
| 3 | 1(2P+S) | 1501 | XK**B-1 | 224.2-FRE1 |

61 PIN /GRADE 40 XKA**

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------|---------------------|-----------|-----------------|---------------|
| 1 | 1.5 | 2050 | XK**A-1 | XF**A:01-6 |
| 2 | 1.5 | 2050 | XK**A-2 | XF**A:01-6 |
| 3 | 1.5 | 2063 | XK**A-3 | XF**A:01-14 |
| 4 | 1.5 | 2067 | XK**A-4 | XF**A:01-15 |
| 5 | 1.5 | 2069 | XK**A-5 | XF**A:01-16 |
| 6 | 1.5 | 2300 | XK**A-6 | XF**A:01-17 |
| 7 | 1.5 | 2310 | XK**A-7 | XF**A:01-18 |
| 8 | 1.5 | 3001 | XK**A-8 | XF**A:01-19 |
| 9 | 1.5 | 4234 | XK**A-9 | XF**A:01-23 |
| 10 | 1.5 | 4235 | XK**A-10 | XF**A:01-24 |
| 11 | 1.5 | 2061 | XK**A-14 | XF**A:01-25 |
| 12 | 1.5 | 2111 | XK**A-15 | XF**A:02-2 |
| 13 | 1.5 | 2309 | XK**A-16 | XF**A:02-3 |
| 14 | 1.5 | 2313 | XK**A-17 | XF**A:02-4 |
| 15 | 1.5 | 2331 | XK**A-18 | XF**A:02-5 |
| 16 | 1.5 | 2333 | XK**A-19 | XF**A:02-6 |
| 17 | 1.5 | 2334 | XK**A-20 | XF**A:02-7 |
| 18 | 1.5 | 2500 | XK**A-21 | XF**A:02-8 |
| 19 | 1.5 | 2503 | XK**A-22 | XF**A:02-9 |
| 20 | 1.5 | 3514 | XK**A-23 | XF**A:02-10 |
| 21 | 1.5 | 2516 | XK**A-24 | XF**A:02-11 |
| 22 | 1.5 | 2532 | XK**A-25 | XF**A:02-20 |
| 23 | 1.5 | 2540 | XK**A-26 | XF**A:02-21 |
| 24 | 1.5 | 2541 | XK**A-27 | XF**A:02-22 |
| 25 | 1.5 | 2542 | XK**A-28 | XF**A:02-23 |
| 26 | 1.5 | 2803 | XK**A-29 | XF**A:02-24 |
| 27 | 1.5 | 2804 | XK**A-30 | XF**A:02-25 |
| 28 | 1.5 | 2807 | XK**A-31 | XF**A:02-26 |
| 29 | 1.5 | 3005 | XK**A-32 | XF**A:02-27 |
| 30 | 1.5 | 3020 | XK**A-33 | XF**A:02-28 |
| 31 | 1.5 | 3034 | XK**A-34 | XF**A:03-2 |
| 32 | 1.5 | 3035 | XK**A-35 | XF**A:03-3 |
| 33 | 1.5 | 3060 | XK**A-36 | XF**A:03-4 |
| 34 | 1.5 | 3069 | XK**A-37 | XF**A:03-9 |
| 35 | 1.5 | 3071 | XK**A-38 | XF**A:03-10 |
| 36 | 1.5 | 3108 | XK**A-39 | XF**A:03-18 |
| 37 | 1.5 | 3502 | XK**A-40 | XF**A:04-19 |
| 38 | 1.5 | 4211 | XK**A-41 | XF**A:04-2 |
| 39 | 1.5 | 4242 | XK**A-42 | XF**A:04-5 |
| 40 | 1.5 | REK154 | XK**A-54 | BUND.F-54 |

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| 41 | 1.5 | REK155 | XK**A-55 | BUND.F-55 |
| 42 | 1.5 | REK156 | XK**A-56 | BUND.F-56 |
| 43 | 1.5 | REK157 | XK**A-57 | BUND.F-57 |
| 44 | 1.5 | REK158 | XK**A-58 | BUND.F-58 |
| 45 | 1.5 | REK159 | XK**A-59 | BUND.F-59 |
| 46 | 1.5 | REK160 | XK**A-60 | BUND.F-60 |
| 47 | 1.5 | 2099 | XK**A-61 | XF**A:01-27 |
| 48 | 1(2P+S) | 1504 | XK**A-11 | 224.2-5 |
| 49 | 1(2P+S) | 1514 | XK**A-12 | 224.5-6 |
| 50 | 1(2P+S) | 1524 | XK**A-13 | 224.2-FRE1 |
| <u>FOR WAP 7 & 5 ONLY</u> | | | | |
| 51 | 1.5 | 2500AR | XK**A-43 | XF**A:05-10 |
| 52 | 1.5 | 2503AR | XK**A-44 | XF**A:05-11 |
| 53 | 1.5 | 2331AR | XK**A-45 | XF**A:05-12 |
| 54 | 1.5 | 4242AR | XK**A-46 | XF**A:05-13 |
| 55 | 1.5 | 2111AR | XK**A-49 | XF**A:05-14 |
| 56 | 1.5 | 5671AR | XK**A-48 | XF**A:05-15 |
| 57 | 1.5 | 5372AR | XK**A-50 | XF**A:05-16 |
| 58 | 1.5 | 2050AR | XK**A-53 | XF**A:05-17 |

31 PIN /32 GRADE XKD**

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------|---------------------|-----------|-----------------|---------------|
| 1 | 2.5 | 0 | XK**D-1 | XF**A:01-1 |
| 2 | 2.5 | 2050 | XK**D-2 | XF**A:01-8 |
| 3 | 2.5 | 3054 | XK**D-3 | XF**A:01-20 |
| 4 | 2.5 | 4218 | XK**D-4 | XF**A:01-22 |
| 5 | 2.5 | 2097 | XK**D-5 | XF**A:01-26 |
| 6 | 2.5 | 3081 | XK**D-6 | XF**A:03-17 |
| 7 | 2.5 | 4211 | XK**D-7 | XF**A:04-2 |
| 8 | 2.5 | REK115 | XK**D-15 | BUND.F-15 |
| 9 | 2.5 | REK116 | XK**D-16 | BUND.F-16 |
| 10 | 2.5 | REK117 | XK**D-17 | BUND.F-17 |
| 11 | 2.5 | REK118 | XK**D-18 | BUND.F-18 |
| 12 | 2.5 | REK119 | XK**D-19 | BUND.F-19 |
| 13 | 2.5 | REK120 | XK**D-20 | BUND.F-20 |

13 PIN /GRADE 32 150.A

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------|---------------------|-----------|-----------------|---------------|
| 1 | 2.5 | 2111 | 150.A-1 | XF**A:02-2 |
| 2 | 2.5 | 2524 | 150.A-2 | XF**A:02-16 |
| 3 | 2.5 | 2525 | 150.A-3 | XF**A:02-17 |

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| 4 | 2.5 | 2526 | 150.A-4 | XF**A:02-18 |
| 5 | 2.5 | 2527 | 150.A-5 | XF**A:02-19 |
| 6 | 2.5 | 2520 | 150.A-6 | XF**A:02-12 |
| 7 | 2.5 | 2521 | 150.A-7 | XF**A:02-13 |
| 8 | 2.5 | 2522 | 150.A-8 | XF**A:02-14 |
| 9 | 2.5 | 2523 | 150.A-9 | XF**A:02-15 |
| 10 | 2.5 | REK110 | 150.A-10 | BUND.F-10 |
| 11 | 2.5 | REK111 | 150.A-12 | BUND.F-11 |
| 12 | 2.5 | REK112 | 150.A-13 | BUND.F-12 |
| 13 | 2.5 | REK113 | 150.A-14 | BUND.F-13 |

19 PIN /GRADE 22 293.A

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------|---------------------|-----------|-----------------|---------------|
| 1 | 1.5 | 2111 | 293.A-L | XF**A:03-5 |
| 2 | 1.5 | 2524 | 293.A-M | XF**A:3-6 |
| 3 | 1.5 | 2525 | 293.A-K | XF**A:03-7 |
| 4 | 1.5 | 2526 | 293.A-U | XF**A:03-8 |
| 5 | 1.5 | 2527 | 293.A-B | XF**A:03-9 |
| 6 | 1.5 | REK101 | 293.A-A | BUND.F-A |
| 7 | 1.5 | REK103 | 293.A-C | BUND.F-C |
| 8 | 1.5 | REK104 | 293.A-D | BUND.F-D |
| 9 | 1.5 | REK113 | 293.A-N | BUND.F-N |
| 10 | 1.5 | REK114 | 293.A-P | BUND.F-P |
| 11 | 1.5 | REK115 | 293.A-R | BUND.F-R |
| 12 | 1.5 | REK116 | 293.A-S | BUND.F-S |
| 13 | 1.5 | REK117 | 293.A-T | BUND.F-T |
| 14 | 1.5 | REK119 | 293.A-V | BUND.F-V |

AUTO FLASHER FLCU

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------|---------------------|-----------|-----------------|---------------|
| 1 | 1.5 | 3501 | FLCU-3 | XF**A:03-20 |
| 2 | 1.5 | 2099 | FLCU-4 | XF**A:01-27 |
| 3 | 1.5 | 3551 | FLCU-5 | XF**A :03-28 |
| 4 | 1.5 | 3554 | FLCU-6 | XF**A :04-1 |
| 5 | 1.5 | 3020 | FLCU-8 | XF**A :02-28 |
| 6 | 1.5 | 2050 | FLCU-7 | XF**A :04-20 |

TRANSDUCER OUTPUT

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------|---------------------|-----------|-----------------|---------------|
| | | | | |

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|---|---------|------|-----------|------------|
| 1 | 1(2P+S) | 1504 | XK **A-11 | (5) OR (3) |
| 2 | 1(2P+S) | 1514 | XK **A-12 | (6) OR (5) |
| 3 | 1(2P+S) | 1524 | XK **A-13 | MASSE-(0) |
| 4 | 1501 | 1501 | XK**B-1 | 224.2-1 |
| 5 | 1501 | 1502 | XK**B-2 | 224.2-3 |

RESISTOR HEADLIGHT 332

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------|---------------------|-----------|-----------------|---------------|
| 1 | 1.5 | 3542 | 332 Q1 | XF**A03:20 |
| 2 | 1.5 | 35401 | 332 Q2 | XF** A03:22 |
| 3 | 2.5 | 0 | XF**A:01-1 | MASSE-0 |

AUTO FLASH CIRCUIT

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------|---------------------|-----------|-----------------|---------------|
| 1 | 1.5 | FLCU | FLCU 3 | XBS 3 |
| 2 | 1.5 | FLCU | FLCU 4 | XBS 4 |
| 3 | 1.5 | FLCU | FLCU 5 | XBS 5 |
| 4 | 1.5 | FLCU | FLCU 6 | XBS 6 |
| 5 | 1.5 | FLCU | FLCU 7 | XBS 7 |
| 6 | 1.5 | FLCU | FLCU 8 | XBS 8 |

WAGO WIRE LINK

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------|---------------------|-----------|-----------------|---------------|
| 1 | 1.5 | 2050 | XF**A:01-6 | XF**A:04-20 |

WAGO SHORT LINK XFA**

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------|---------------------|-----------|-----------------|---------------|
| 1 | WAGO | 2050 | XF**A:01-6 | XF**A:01-7 |
| 2 | WAGO | 2050 | XF**A:01-7 | XF**A:01-8 |
| 3 | WAGO | 2050 | XF**A:01-8 | XF**A:01-9 |
| 4 | WAGO | 2050 | XF**A:01-9 | XF**A:01-10 |
| 5 | WAGO | 2050 | XF**A:01-10 | XF**A:01-11 |
| 6 | WAGO | 2050 | XF**A:01-11 | XF**A:01-12 |
| 7 | WAGO | 2050 | XF**A:01-12 | XF**A:01-13 |
| 8 | WAGO | 2050 | XF**A:02-1 | XF**A:01-2 |
| 9 | WAGO | 2050 | XF**A:04-20 | XF**A:01-21 |

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