

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

Included in CLW Spec no. CLW/ES/3/0193

XE37A:01

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------|---------------------|-----------|-----------------|---------------|
| 1 | 0.5 | 1534A | XE37A:01-QE | 6.2A/1-4 |
| 2 | 0.5 | 1533A | XE37A:01-2 | 6.2A/1-3 |
| 3 | 0.5 | 1531A | XE37A:01-3 | 6.2A/1-1 |
| 4 | 0.5 | 1532A | XE37A:01-6 | 6.2A/1-2 |
| 5 | 0.5 | 1538A | XE37A:01-7 | 6.2A/1-8 |
| 6 | 0.5 | 1539A | XE37A:01-8 | 6.2A/1-9 |

XE37A:02

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------|---------------------|-----------|-----------------|---------------|
| 1 | 0.5 | 1534B | XE37A:02-QE | 6.2A/2-4 |
| 2 | 0.5 | 1533B | XE37A:02-2 | 6.2A/2-3 |
| 3 | 0.5 | 1531B | XE37A:02-3 | 6.2A/2-1 |
| 4 | 0.5 | 1532B | XE37A:02-6 | 6.2A/2-2 |
| 5 | 0.5 | 1538B | XE37A:02-7 | 6.2A/2-8 |
| 6 | 0.5 | 1539B | XE37A:02-8 | 6.2A/2-9 |

XE37A:05

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------|---------------------|-----------|-----------------|---------------|
| 1 | 0.5 | 1584A | XE37A:05-QE | 8.5A/1-4 |
| 2 | 0.5 | 1583A | XE37A:05-2 | 8.5A/1-3 |
| 3 | 0.5 | 1581A | XE37A:05-3 | 8.5A/1-1 |
| 4 | 0.5 | 1582A | XE37A:05-6 | 8.5A/1-2 |
| 5 | 0.5 | 1588A | XE37A:05-7 | 8.5A/1-8 |
| 6 | 0.5 | 1589A | XE37A:05-8 | 8.5A/1-9 |

XE37A:06

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------|---------------------|-----------|-----------------|---------------|
| 1 | 0.5 | 1584B | XE37A:06-QE | 8.5A/2-4 |
| 2 | 0.5 | 1583B | XE37A:06-2 | 8.5A/2-3 |
| 3 | 0.5 | 1581B | XE37A:06-3 | 8.5A/2-1 |
| 4 | 0.5 | 1582B | XE37A:06-6 | 8.5A/2-2 |
| 5 | 0.5 | 1588B | XE37A:06-7 | 8.5A/2-8 |
| 6 | 0.5 | 1589B | XE37A:06-8 | 8.5A/2-9 |

XK37A

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|----------------|----------------------------|------------------|------------------------|----------------------------------|
| 1 | 2.5 | 2050 | XK37A-1 | 8.41-B |
| 2 | 2.5 | 2050 | XK37A-1 | 8.1-3 |
| 3 | 1.5 | 2864 | XK37A-5 | 8.41-5 (Paralleling RDSO MS 413) |
| 4 | 1.5 | 2864 | XK37A-5 | 8.41-7 (Paralleling RDSO MS 413) |
| 5 | 1.5 | 2866 | XK37A-6 | 8.2-2 |
| 6 | 1.5 | 2867 | XK37A-7 | 8.1-2A |
| 7 | 1.5 | 2867 | XK37A-7 | 8.1-4A |
| 8 | 1.5 | 2869 | XK37A-8 | 89.6-B |
| 9 | 1.5 | 2801A | XK37A-9 | 8.1-1A |
| 10 | 1.5 | 2861A | XK37A-10 | 8.1-1B ((2) RDSO MS 464)) |
| 11 | 1.5 | 2861B | XK37A-11 | 8.1-3B((2) RDSO MS 464)) |
| 12 | 1.5 | 2862A | XK37A-12 | 8.2-1B((2) RDSO MS 464)) |
| 13 | 1.5 | 2862B | XK37A-13 | 8.2-3B((2) RDSO MS 464)) |
| 14 | 1.5 | 2863A | XK37A-14 | 8.41-2 |
| 15 | 1.5 | 2863B | XK37A-15 | 8.41-4 |

Contactor with Transorb

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|----------------|----------------------------|------------------|------------------------|----------------------------------|
| 1 | 10 | 0 | 8.1-MASSAE | MASSAE |
| 2 | 1.5 | 2865 | 8.1-2 | 8.41-6 (Paralleling RSDO MS 413) |
| 3 | 1.5 | 2865 | 8.1-2 | 8.41-8 (Paralleling RSDO MS 413) |
| 4 | 1.5 | 2050 | 8.1-3 | 8.2-3 |
| 5 | 1.5 | 2801A | 8.1-1A | 8.1-3A |
| 6 | 1.5 | 2868 | 8.1-2B | 8.41-A |
| 7 | 1.5 | 2868 | 8.1-4B | 8.41-A |
| 8 | 1.5 | 2801A | 8.1-3A | 8.2-1A |

8.2

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|----------------|----------------------------|------------------|------------------------|----------------------|
| 1 | 10 | 0 | 8.2-MASSAE | MASSAE |
| 2 | 1.5 | 2801A | 8.2-1A | 8.2-3A |
| 3 | 1.5 | 2801A | 8.2-3A | 8.41-1 |

8.41

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|----------------|----------------------------|------------------|------------------------|----------------------|
| 1 | 10 | 7 | 8.41-C | 8.4-A |
| 2 | 10 | 8 | 8.41-D | 8.42-Q1 |
| 3 | 1.5 | 2801A | 8.41-1 | 8.41-3 |
| 4 | 1.5 | 2801A | 8.41-3 | 89.6A |

8.4

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|----------------|----------------------------|------------------|------------------------|----------------------|
| 1 | 150 | 7 | 8.4-A | XI37A-4 |
| 2 | 150 | 14 | 8.4-B | S14.1-Q1 |
| 3 | 25 | 0 | 8.4-MASSAE | MASSAE-M |

6.21

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|----------------|----------------------------|------------------|------------------------|----------------------|
| 1 | BAR | 98 | 6.21-Q1 | S98.2-Q2 |
| 2 | BAR | 100 | 6.21-Q2 | S100.2-Q1 |

6.2/1

| Sl. No. | Cable Cross Section | Cable no. | Connection From | Connection To |
|----------------|----------------------------|------------------|------------------------|----------------------|
| 1 | BAR | 100 | 6.2/1-IN | S100.3-Q2 |
| 3 | BAR | 99 | 6.2/1-OUT | S100.3-Q1 |

6.2/2

| Sl. No | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------------|----------------------------|------------------|------------------------|----------------------|
| 1 | BAR | 99 | 6.2/2-IN | S98.3-Q2 |
| 3 | BAR | 98 | 6.2/2-OUT | S98.3-Q1 |

8.5/1

| Sl. No | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------------|----------------------------|------------------|------------------------|----------------------|
| 1 | BAR | 14 | 8.5/1-IN | S14.1-Q1 |
| 3 | BAR | 13 | 8.5/1-OUT | S14.1-Q2 |

8.5/2

| Sl. No | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------------|----------------------------|------------------|------------------------|----------------------|
| 1 | BAR | 13 | 8.5/2-IN | S12.1-Q1 |

| | | | | |
|---|-----|----|-----------|----------|
| 2 | BAR | 12 | 8.5/2-OUT | S12.1-Q2 |
|---|-----|----|-----------|----------|

8.42

| Sl. No | Cable Cross Section | Cable no. | Connection From | Connection To |
|--------|---------------------|-----------|-----------------|---------------|
| 1 | 10 | 14 | 8.42-Q2 | S14.1-Q1 |

8.61/1

| Sl. No | Cable Cross Section | Cable no. | Connection From | Connection To |
|--------|---------------------|-----------|-----------------|---------------|
| 1 | 2.5 | 4 | 8.61/1-Q1 | XI37A-1 |
| 2 | 2.5 | 9 | 8.61/1-Q2 | 8.62/1-Q1 |

8.62/1

| Sl. No | Cable Cross Section | Cable no. | Connection From | Connection To |
|--------|---------------------|-----------|-----------------|---------------|
| 1 | 2.5 | 10 | 8.62/1-Q2 | 8.61/2-Q1 |
| 2 | 2.5 | 10 | 8.62/1-Q2 | 89.6-U |

8.61/2

| Sl. No | Cable Cross Section | Cable no. | Connection From | Connection To |
|--------|---------------------|-----------|-----------------|---------------|
| 1 | 2.5 | 11 | 8.61/2-Q2 | 8.62/2-Q1 |
| 2 | 2.5 | 12 | 8.62/2-Q2 | S12.1-Q1 |

89.6

| Sl. No | Cable Cross Section | Cable no. | Connection From | Connection To |
|--------|---------------------|-----------|-----------------|---------------|
| 1 | 2.5 | 10 | 89.6-U | 8.62/1-Q2 |
| 2 | 2.5 | 0 | 89.6-V | MASSE-M |

XI37A

| Sl. No | Cable Cross Section | Cable no. | Connection From | Connection To |
|--------|---------------------|-----------|-----------------|---------------|
| 1 | 150 | 4 | XI37A-1 | 8.1-A1 |
| 2 | 150 | 5 | XI37A-2 | S5.1-Q1 |
| 3 | 150 | 6 | XI37A-3 | 8.2-B2 |
| 3 | 150 | 6 | XI37A-3 | 8.2-B2 |

8.1

| Sl. No | Cable Cross Section | Cable no. | Connection From | Connection To |
|--------|---------------------|-----------|-----------------|----------------------------------|
| 1 | 1.5 | 2861 | 8.1-1B(Block 1) | 8.1-2A(Block 2) (RDSO MS 464) |

| | | | | |
|---|-----|-------|-----------------|----------------------------------|
| 2 | 1.5 | 2861 | 8.1-3B(Block 1) | 8.1-4A(Block 2) (RDSO MS 464) |
| 3 | 1.5 | 2862 | 8.2-1B(Block 1) | 8.2-2A(Block 2) (RDSO MS 464) |
| 4 | 1.5 | 2862 | 8.2-3B(Block 1) | 8.2-4A(Block 2) (RDSO MS 464) |
| 5 | 1.5 | 2801A | 8.41-1 | 8.41-3 |
| 6 | 1.5 | 2863A | 8.41-2 | 8.41-4 |

EARTHING CABLE

| Sl. No | Cable Cross Section | Cable no. | Connection From | Connection To |
|---------------|----------------------------|------------------|------------------------|----------------------|
| 1 | 10 | EARTHING | EARTHING1 | EARTHING |
| 2 | 10 | EARTHING | EARTHING2 | EARTHING |
| 3 | 25 | EARTHING | EARTHING | EARTHING |
| 4 | 25 | EARTHING | EARTHING | EARTHING |
| 5 | 25 | EARTHING | EARTHING | EARTHING |
| 6 | 25 | EARTHING | EARTHING | EARTHING |
| 7 | 25 | EARTHING | EARTHING | EARTHING |
| 8 | 25 | EARTHING | EARTHING | EARTHING |

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