

Sealed — Continued

Miniature Circular Series 423/723

EMC Shielding 360°



- Lightweight metal connectors, series 423
- Panel plug front mounting, series 723
- Integral cable clamp (∅ 4-6mm)
- EMC shielding 360°
- Solder buckets
- Sealing to IP67, when mated



New

| | |
|-------------------|-----------------------------|
| Current rating | 5A (2-8 ways), 3A (12 ways) |
| Voltage rating | 250V ac (VDE standard 0110) |
| Housing | Brass, nickel finish |
| Crimp contacts | Phosphor bronze, tin plated |
| Temperature range | -40°C to +85°C |

| | |
|-----------------------|---------------------|
| Contact resistance | ≤3mΩ |
| Insulation resistance | >10 ¹⁰ Ω |
| Insulator | PETP gv |
| Contact socket | CuSn, 4μm Ag |
| Contact pin | CuZn, 4μm Ag |

CM523

| No. of Ways | Mfrs. List No. | Order Code | Price Each | | | |
|-------------------------------|-----------------|-----------------|------------|-----|------|------|
| | | | 1+ | 50+ | 100+ | 500+ |
| Jack Plug – Series 423 | | | | | | |
| 2 | 99-5101-15-02 | 330-2763 | | | | |
| 3 | 99-5105-15-03 | 330-2775 | | | | |
| 4 | 99-5109-15-04 | 330-2787 | | | | |
| 5 | 99-5113-15-05 | 330-2799 | | | | |
| 5 stereo | 99-5117-15-05 | 330-2805 | | | | |
| 8 | 99-5171-15-08 | 330-2817 | | | | |
| 12 | 99-5129-15-12 | 330-2829 | | | | |
| Cap | 08-1077-000-000 | 330-2830 | | | | |

| | | | | | | |
|----------------------------------|-----------------|-----------------|--|--|--|--|
| Free Coupler – Series 423 | | | | | | |
| 2 | 99-5102-15-02 | 330-2842 | | | | |
| 3 | 99-5106-15-03 | 330-2854 | | | | |
| 4 | 99-5110-15-04 | 330-2866 | | | | |
| 5 | 99-5114-15-05 | 330-2878 | | | | |
| 5 stereo | 99-5118-15-05 | 330-2880 | | | | |
| 8 | 99-5172-15-08 | 330-2891 | | | | |
| 12 | 99-5130-15-12 | 330-2908 | | | | |
| Cap | 08-1078-000-000 | 330-2910 | | | | |

| | | | | | | |
|--|-----------------|-----------------|--|--|--|--|
| Male Receptacle – Front Mount 723 | | | | | | |
| 2 | 09-0103-00-02 | 330-2921 | | | | |
| 3 | 09-0107-00-03 | 330-2933 | | | | |
| 4 | 09-0111-00-04 | 330-2945 | | | | |
| 5 | 09-0115-00-05 | 330-2957 | | | | |
| 5 stereo | 09-0119-00-05 | 330-2969 | | | | |
| 8 | 09-0173-00-08 | 330-2970 | | | | |
| 12 | 09-0131-00-12 | 330-2982 | | | | |
| Cap | 08-1079-000-000 | 330-2994 | | | | |

| | | | | | | |
|--|-----------------|-----------------|--|--|--|--|
| Female Receptacle – Front Mount 723 | | | | | | |
| 2 | 09-0104-00-02 | 330-3007 | | | | |
| 3 | 09-0108-00-03 | 330-3019 | | | | |
| 4 | 09-0112-00-04 | 330-3020 | | | | |
| 5 | 09-0116-00-05 | 330-3032 | | | | |
| 5 stereo | 09-0128-00-05 | 330-3044 | | | | |
| 8 | 09-0174-00-08 | 330-3056 | | | | |
| 12 | 09-0132-00-12 | 330-3068 | | | | |
| Cap | 08-1080-000-000 | 330-3070 | | | | |

Econseal E



- Suitable for use in hazardous environmental conditions
- IP64 according to DIN40050
- Available in 2 and 3 position version
- Truncated cone at the wire side of the housing aids the fitting of heatshrink or rubber boot

| | |
|----------|-----------------------|
| Housings | PA 6.6 GF13 |
| Contacts | Brass, pre-tin plated |

CM475

| No. of Ways | Insulation Dia. | Mfrs. List No. | Order Code | Price Each | | |
|-----------------------------|-----------------|----------------|------------------|------------|------|-------|
| | | | | 1+ | 50+ | 100+ |
| Plugs | | | | | | |
| 2 | 2.3-3.0mm | 826883-1 | 359-440 | | | |
| 2 | 1.3-3.0mm | 826883-2 | 359-488 | | | |
| 3 | 2.3-3.0mm | 826885-2 | 359-518 † | | | |
| 3 | 1.3-2.3mm | 826885-8 | 359-543 | | | |
| Sockets | | | | | | |
| 2 | 2.3-3.0mm | 826884-3 | 359-490 † | | | |
| 2 | 1.3-3.0mm | 826884-2 | 359-506 † | | | |
| 3 | 2.3-3.0mm | 826886-2 | 359-579 † | | | |
| 3 | 1.3-2.3mm | 826886-7 | 359-592 | | | |
| Contacts | | | | 1+ | 500+ | 1000+ |
| Pins | | | | | | |
| 0.5-1.0mm ² wire | | 926981-2 | 359-622 | | | |
| 1.0-2.5mm ² wire | | 926983-2 | 359-634 | | | |

continued

| No. of Ways | Insulation Dia. | Mfrs. List No. | Order Code | 1+ | 500+ | 1000+ |
|-----------------------------|-----------------|----------------|----------------|----|------|-------|
| Sockets | | | | | | |
| 0.5-1.0mm ² wire | | 827396-2 | 359-683 | | | |
| 1.0-2.0mm ² wire | | 827397-2 | 359-774 | | | |
| | | | | 1+ | | |
| Hand crimp Tool | | 825582-2 | 359-798 | | | |
| Extraction Tool | | 725840-1 | 359-816 | | | |

† Available until stocks are exhausted

Econseal J MkII+



- Waterproof connectors originally designed for the automotive market
- Rubber collar can be loaded at the same time as contacts are crimped for faster assembly time
- Cavity plugs are available to block unused cavities
- Has double lock function
- Waterproof sensor connector that can be directly attached to engine
- Scooping of contacts at mating/unmating eliminated – ensures water resistant performance
- One wire seal is required for each cavity
- UL recognised

| | | | |
|--------------------------------|----------------------|-----------------------|----------------------|
| Leakage current | 100μA max. | Insulation resistance | 100MΩ min. |
| Low level resistance | 3mΩ max. (initially) | Contacts | Brass pre-tin plated |
| | 10mΩ max. (final) | Temperature rating | -30°C to +105°C |
| Contact termination resistance | 3mΩ max. (initially) | | |
| | 10mΩ max. (final) | | |

CM501

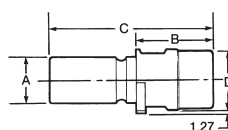
| Order Multiple=2 | Mfrs. List No. | Order Code | 2+ | 250+ | 500+ | 1000+ |
|--------------------------|----------------|-----------------|----|------|------|-------|
| Plug Assy | | | | | | |
| 2 | 178390-2 | 319-2325 | | | | |
| 2 | 178392-2 | 319-2337 | | | | |
| 4 | 178399-2 | 319-2349 | | | | |
| Cap Assy | | | | | | |
| 2 | 174365-2 | 319-2350 | | | | |
| Order Multiple=50 | | | | | | |
| 1.8mm Tab | | | | | | |
| 24/20AWG | 173600-1 | 319-2362 | | 50+ | | |
| 20/16AWG | 173706-1 | 319-2374 | | | | |
| 1.8mm Receptacle | | | | | | |
| 24/20AWG | 171699-1 | 319-2386 | | | | |
| 20/16AWG | 173707-1 | 319-2398 | | | | |
| Order Multiple=1 | | | | | | |
| Tooling | | | | | | |
| 24/20AWG | | | | 1+ | | |
| Tab+Receptacle | 753890-1 | 319-2404 | | | | |
| 20/16AWG Tab | 755241-1 | 319-2416 | | | | |
| 20/16AWG Receptacle | 755262-1 | 319-2428 | | | | |
| Contact Insertion Tool | 91002-1 | 319-5028 | | | | |

'Sure-Seal' Crimp 15A – IP66

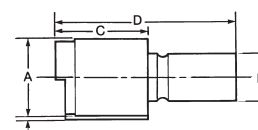
ITT Cannon



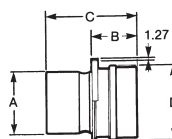
Plug housing Receptacle housing Boot



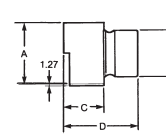
Plug housing 2, 3 and 4 way



Receptacle housing 2, 3 and 4 way



Plug housing 6 and 10 way



Receptacle housing 6 and 10 way