USE THE FOLLOWING CRIMP FERULES AND CRIMP TOOL ON ALL SA380-IT BX Hi Z OUTPUT PRESENTS THE BX SUPPLY VOLTAGE WITH **PLUG COUPLERS** AN INTERNAL 47 K OHM RESISTOR IN SERIES. FOR USE WITH 0.75 MM SO WIRE: NX Hi Z OUTPUT PRESENTS THE NX SUPPLY VOLTAGE WITH WEIDMULLER H0,75/16 W SV INSULATED FERULE. P/N: 9025860000 AN INTERNAL 47 K OHM RESISTOR IN SERIES. FOR USE WITH 1.50 MM SQ WIRE: THIS IS TO ALLOW THE SUPPLY CIRCUIT TO BE MONITORED WEIDMULLER H1,5/10 UNINSULATED FERULE. P/N: 0186500000 WITHOUT THE REQUIREMENT FOR AN ADDITIONAL TERMINATION ON THE SIGNALING BUS-BAR OR THE USE OF **RESISTIVE CABLES** WEIDMULLER PZ 10 SOR WIRE END FERULE CRIMPER. P/N: 1445080000 1c Type A1 0.75mm Grey 1c Type A1 0.75mm Grey **SA380-IT MULTIPLE BUS-BAR** WHERE HIZ OUTPUT IS NOT USED. EACH INPUT MUST BE **INSULATION MONITOR DEVICE** PROTECTED FROM SHORT CIRCUIT THROUGH THE FITMENT OF RESISTIVE CABLES. 1c Type A1 0.75mm Grey SUPPLY SUPPLY CLAM 6-WAY 5MM PITCH
SPRING CLAMP PLUG 10-WAY! MPEC PART NO: SA380-IT/RSC BX110 В1 N1 SUPPLY DOES NOT 1c SA380-IT-RC **USE RESISTIVE CABLE** Y 5MM PITCH G CLAMP PLUG BX160 B2 1c Type A1 0.75mm Grey 1c SA380-IT-RC N2 NX110 47 K OHM 1c SA380-IT-RC B30 **EACH INPUT CAN** 1c SA380-IT-RC N160 LOOP N30 **MONITOR ONE** EARTH 47 K OHM SIGNALING CIRCUIT. B4 FE CONNECTS THE CIRCUIT CAN BE N4 TO EXISTING AC OR DC UP 160V. **W** B160 **EARTH BUS-BAR** B5₫ E.G. BX160 OR B160 2A 6-WAY 3. SPRING 47 K OHM **AUXILIARY POWER AND** N5₫ 5V **RS485 CONNECTIONS** $\phi o v$ \sim NX160 1c Type A1 1.5mm Green/Yellow **EARTH** RESERVED FOR RS485 UNUSED **FUTURE APPLICATIONS** 47 K OHM 3.5MM PITCH CLAMP PLUG **INPUTS REMAIN** UNTERMINATED **CONNECTION TO** B50 \sim THE PHYSICAL 2A 47 K OHM **EARTH** (ELD)KR N50 N12 R2 R1 EARTH(LOOP) 1c Type A1 1.5mm Green/Yellow 47 K OHM **ALARM CONTACT** RESISTANCE SEALED IN THE RESISTANCE MUST BE **ETHERNET** GSM **CLOSED UNDER** HEAT-SHRINK, MARKED PHYSICALLY LOCATED AT THE (RJ45) (SMA) **CONNECTION TO** NORMAL OPERATION. "47 K OHM" AND FITTED "SIGNALING BUS-BAR" TERMINATING LOOP EARTH THE PHYSICAL **OPEN UNDER FAULT** 100MM FROM ONE END END. **CONNECTS TO** EARTH CONDITION OF THE CABLE **NEW GSM** SURPLUS CABLE CAN BE TRIMMED AT **INDEPENDENT ANTENNA** THE DEVICE END **EARTH POINT** LOCAL MEASUREMENTS AND **CONFIGURATION VIA ETHERNET** OEM Coax. **USE CUSTOM CABLE TO CONNECT GSM PATCH ANTENNA** TO IPHONE. MOUNTED EXTERNAL TO MPEC PART NUMBER: SA380-IT-LE LOCATION / REB / **EQUIPMENT ROOM Checked:** Title: **Drawing No:** SA380-IT-TYP-01 **Produced: Drawn:** SA380-IT Typical Circuits: **Issue No:** AA1 mpec part of the Tracsis group **MJB** ML Separate earth points with HiZ 27th Feb 2017 **Issue Date:** outputs in use

