

4 CONDUCTOR 18 AWG STRANDED SHIELDED – Door Strike
3 PAIR 22 AWG STRANDED SHIELDED – Card Reader
2 CONDUCTOR 22 AWG STRANDED SHIELDED – Door Contact
4 CONDUCTOR 22 AWG STRANDED SHIELDED – REX
UNJACKETED
TYPE CM/CL2

SCOPE: This cable consists of 4 elements: E1: 4 conductors 18 AWG stranded bare copper; E2: 3 pairs 22 AWG stranded bare copper; E3: 2 conductors 22 AWG stranded bare copper and E4: 4 conductors 22 AWG stranded bare copper. Each element has an overall aluminum Mylar shield with drain wire and an overall color-coded PVC jacket with no overall jacket. Type CM/CL2, UL Standards 13 & 444, NEC Article 725 & 800, UL 1581.

1.0 ELEMENT 1: 18/4 CONDUCTOR:

1.1 CONDUCTOR:

- 1.1.1 Material: Bare Copper
- 1.1.2 Size: 18 AWG
- 1.1.3 Construction: 7-Strand

1.2 INSULATION:

- 1.2.1 Material: PVC
- 1.2.2 Wall Thickness: .007" nom.
- 1.2.3 O.D.: .058" nom.
- 1.2.4 Lay Length: 2.25" nom.
- 1.2.5 Color code: 1-Black, 2-Red, 3-White, 4-Green

1.3 SHIELD:

- 1.3.1 Material: Aluminum Mylar
- 1.3.2 Coverage: 100%

1.4 DRAIN:

- 1.4.1 Material: Tinned Copper
- 1.4.2 Size: 24 AWG
- 1.4.3 Construction: 7-Strand

1.5 JACKET:

- 1.5.1 Material: PVC
- 1.5.2 OD: .175" nom.
- 1.5.3 Color: Orange
- 1.5.4 Ripcord under jacket
- 1.5.5 Markings: PAIGE ACCESS DOOR STRIKE
1S18049XX 18/4C STR OAS CM C(UL)
EXXXXXX 75C (***) ROHS COMPLIANT (**)
(****) (*)

1.6 ELECTRICAL PROPERTIES:

- 1.6.1 Temperature: -20°C to 75°C
- 1.6.2 Voltage: 300 Volt
- 1.6.3 Capacitance: 23.8 pF/ft nom @ 1 MHz
- 1.6.4 Impedance: 42 Ohms
- 1.6.5 DC Resistance: 6.5 Ohms/M' @ 20°C

2.0 ELEMENT 2: 22/3 PAIR:

2.1 CONDUCTOR:

- 2.1.1 Material: Bare Copper
- 2.1.2 Size: 22 AWG
- 2.1.3 Construction: 7-Strand

2.2 INSULATION:

- 2.2.1 Material: PVC
- 2.2.2 Wall Thickness: .007" nom.
- 2.2.3 OD: .042" nom.
- 2.2.4 Lay Length: Pair: 2.0" nom., Cable: 2.50" nom.
- 2.2.5 Color code: Pair 1-Black/Red, Pair 2-Green/White, Pair 3-Orange/Brown

2.3 SHIELD:

- 2.3.1 Material: Aluminum Mylar
- 2.3.2 Coverage: 100%

2.4 DRAIN:

- 2.4.1 Material: Tinned Copper
- 2.4.2 Size: 24 AWG
- 2.4.3 Construction: 7-Strand

2.5 JACKET:

- 2.5.1 Material: PVC
- 2.5.2 OD: .183" nom.
- 2.5.3 Color: White
- 2.5.4 Ripcord under jacket
- 2.5.5 Markings: PAIGE ACCESS CARD READER
1S2203P2XX 22/3PR STR OAS CM C(UL)
EXXXXXX 75C (***) ROHS COMPLIANT (**)
(****) (*)

2.6 ELECTRICAL PROPERTIES:

- 2.6.1 Temperature: -20°C to 75°C
- 2.6.2 Voltage: 300 Volt
- 2.6.3 Capacitance: 21 pF/ft nom @ 1 MHz
- 2.6.4 Impedance: 53 Ohms
- 2.6.5 DC Resistance: 16.5 Ohms/M' @ 20°C

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3.0 ELEMENT 3: 22/2 CONDUCTOR:

3.1 CONDUCTOR:

- 3.1.1 Material: Bare Copper
- 3.1.2 Size: 22 AWG
- 3.1.3 Construction: 7-Strand

3.2 INSULATION:

- 3.2.1 Material: PVC
- 3.2.2 Wall Thickness: .007" nom.
- 3.2.3 O.D.: .042" nom.
- 3.2.4 Lay Length: 1.75" nom.
- 3.2.5 Color code: 1-Black, 2-Red

3.3 SHIELD:

- 3.3.1 Material: Aluminum Mylar
- 3.3.2 Coverage: 100%

3.4 DRAIN:

- 3.4.1 Material: Tinned Copper
- 3.4.2 Size: 24 AWG
- 3.4.3 Construction: 7-Strand

3.5 JACKET:

- 3.5.1 Material: PVC
- 3.5.2 OD: .123" nom.
- 3.5.3 Color: Blue
- 3.5.4 Ripcord under jacket
- 3.5.5 Markings: PAIGE ACCESS DOOR
CONTACT 1S22025XX 22/2C STR OAS CM
C(UL) EXXXXXX 75C (***) ROHS
COMPLIANT (**) (****) (*)

3.6 ELECTRICAL PROPERTIES:

- 3.6.1 Temperature: -20°C to 75°C
- 3.6.2 Voltage: 300 Volt
- 3.6.3 Capacitance: 21 pF/ft nom @ 1 MHz
- 3.6.4 Impedance: 53 Ohms
- 3.6.5 DC Resistance: 16.5 Ohms/M' @ 20°C

4.0 ELEMENT 4: 22/4 CONDUCTOR:

4.1 CONDUCTOR:

- 4.1.1 Material: Bare Copper
- 4.1.2 Size: 22 AWG
- 4.1.3 Construction: 7-Strand

4.2 INSULATION:

- 4.2.1 Material: PVC
- 4.2.2 Wall Thickness: .007" nom.
- 4.2.3 O.D.: .042" nom.
- 4.2.4 Lay Length: 1.75" nom.
- 4.2.5 Color code: 1-Black, 2-Red,
3-White, 4-Green

4.3 SHIELD:

- 4.3.1 Material: Aluminum Mylar
- 4.3.2 Coverage: 100%

4.4 DRAIN:

- 4.4.1 Material: Tinned Copper
- 4.4.2 Size: 24 AWG
- 4.4.3 Construction: 7-Strand

4.5 JACKET:

- 4.5.1 Material: PVC
- 4.5.2 OD: .135" nom.
- 4.5.3 Color: Green
- 4.5.4 Ripcord under jacket
- 4.5.5 Markings: PAIGE ACCESS REX 1S2204NXX
22/4C STR OAS CM C(UL) EXXXXXX 75C
(***) ROHS COMPLIANT (**) (****) (*)

4.6 ELECTRICAL PROPERTIES:

- 4.6.1 Temperature: -20°C to 75°C
- 4.6.2 Voltage: 300 Volt
- 4.6.3 Capacitance: 21 pF/ft nom @ 1 MHz
- 4.6.4 Impedance: 53 Ohms
- 4.6.5 DC Resistance: 16.5 Ohms/M' @ 20°C

5.0 OVERALL CABLE:

- 5.0.1 Overall Lay Length: 5.75" LHL nom.
- 5.0.2 Overall OD: .410" nom.
- 5.0.3 500' Reel

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