
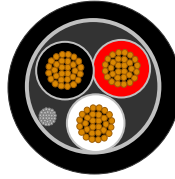


3802398	PRODUCT DATA SHEET	
Valid from: 11.09.2018	UNITRONIC® ST 2095 PE 3x18AWG/16	

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Drawing not to scale and does not represent the details image of the respective product

1. Reference Standard

In acc. to UL Style 2095

2. Cable Construction

- 2.1. Conductor : Stranded tinned copper wire, 18AWG (16 /0.255mm)
- 2.2. Core Insulation : PE compound
- 2.3. Core Colour : Black, Red, Natural
- 2.4. Shielding : Aluminum/MY
- 2.5. Drain Wire : Stranded tinned copper wire, 20 AWG
- 2.6. Outer Sheath : PVC compound – UV Resistant
- 2.7. Sheath Colour : Black RAL 9005, UV resistant

3. Technical Data

- 3.1. Peak Voltage Rating : 300 Vrms
- 3.2. Conductor Resistance : < 24.0 Ω/km DC @ 20°C
- 3.3. Char. Impedance : 70 Ω nom.
- 3.4. Capacitance : 78.5 pF/m (C-C) nom.
: 158 pF/m (C-S) nom.
- 3.5. Inductance : 0.6 μH/m nom.
- 3.6. Min. Bending Radius : 10 x cable diameter
- 3.7. Temperature Range : -20°C up to +80°C
- 3.8. Flame retardant : In acc to IEC 60332-1-2
- 3.9. EU Directive : 2011/65/EU

4. Approval : AWM Style 2095

5. Dimensional Data

Part No.	No. of cores and conductor size AWG	Core OD mm Approx.	Cable OD mm Approx.	Copper weight. kg/km Approx.	Cable Weight kg/km Approx.
3802398	3 x 18	2.1	6.2	28.9	50

Elaborated by:GK / PM Approved by: 353 / PM	Document: PDS 3802398 Version: B	Page 1 of 1
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ref.: INQ 1380 / ECS / 190036 (PN3804931)/8770