| | 1 | 2 | 3 | 4 | | 5 | 6 |
|---|--|--------------------------|---|---------------|---------------------------------------|--|-----------------------------------|
| А | HARTING | DIN signal | female conr | nector | RoHS | cable information Wire material | Cu, tinn |
| | General information | | | | | Gauge Insulation material acc. | AWG 28/ to UL requirements PVC |
| | | : | | | | | flat cah |
| | Design | IEC 60603-2 | typ | es: B, C | | termination area spacir | round fl |
| | No. of contacts | 64 ог 96 | | | | | |
| | Contact spacing | 2,54 mm for 1, | 27 cable | | | | |
| | Test voltage | 1000V | | | | <u>flat cable</u> | ∞ |
| | Contact resistance | max. 20mOhm | | | | | ±0,0 |
| В | Insulation resistance | min. 106MOhm | | | | edge mark on | 1,27±0,05 |
| | Working current | 1 A at 20°C (s | ee derating diagram) | | | <u> </u> | |
| | Temperature range | -65°C +85°C | | | | | |
| | Termination technology | IDC | | | | | |
| | PCB thickness | min. 1,2 mm eau | :h | | | | (n-1)x1,27 |
| | Insertion and withdrawal f | 64pol. max. 601 | N | | | | |
| | | 96pol. max. 901 | ١ | | | | |
| | Mating cycles | – PL2 acc. to I | | mating cycles | | | |
| | | – PL3 acc. to I | EC 60603-2 => 50 | mating cycles | | | |
| | RoHS – compliant | Yes | | | | | |
| Ĺ | Leadfree | Yes | | | | | |
| | Hot plugging | No | | | | | |
| | · · · · · · · · · | | | | | | |
| | Insulator material | ÷ | | | | | |
| | Material | | | - 1 - 2084) | | | |
| | | | astics, glass fiber reinforcements | nr 30%) | | | |
| | | RAL 7032 (grey | // | | | | |
| | UL classification UL 94-V0 | | | | | | |
| | Material group acc. to IEC 60664-1 IIIa (175 <u><</u> CTI < 400) | | | | | | |
| D | NFF classification | I3, F4 | | | | | |
| | Contact material | | · · · · · · · · · · · · · · · · · · · | | | <u> </u> | |
| | | | | | | | |
| | Contact material | Copper alloy | | | | | |
| | Plating termination zone | Au over Ni | · · · · · · · · · · · · · · · · · · · | | | | |
| - | Plating contact zone | Au over Ni | | | | | |
| | | | | | | | |
| | Derating diagram acc. to IEC 60512-5 (Current carrying capacity) | | | | | | |
| | | | | | | | |
| | | | <u>,</u> | | | | |
| E | The current carrying capacity is limited by maximum A temperature of materials for inserts and contacts including 1 | | | | | | |
| | terminals. | | | | | | |
| | The current capacity curve is valid for continuous, non | | | | | | |
| | interrupted current loaded contacts of connectors when a contacts is given, without exceeding 0.75 | | | | | | |
| | the maximum temperature. | | | | | | |
| | | | | | + $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ | All Dimensions in Original Size DIN | |
| | Control and test procedures acco | rding to UIN IEC 60512-5 | g 0.75 0.75 0.75 0.75 0.75 0.75 0.75 0.75 | | | | |
| | | | <u><u> </u></u> | +++++ | + $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ | All rights reserv | |
| | | | | | | Department EC PD - D | |
| F | | | | | | I | DE DIN signal female con |
| | | | 0 20 | 40 60 80 | 100 120 °C | HARTING Electronics GmbH | |
| | | | 0.20 | Temperature [| | D-32339 Espelkamp | ^{Type} DS Number 09032 |
| | 1 | 2 | 3 | 4 | | 5 | 6 |

