

Schneider Electric TM258LF42DT4L

Manufacturer: Schneider Electric Part Number: TM258LF42DT4L Product introduction: Product datasheet for TM258LF42DT4L. Product parameters: modicon: M258 can programmingcontroller, 42 + 4 I/O - 24 V DC - CANopen TM258LF42DT4L main information maximum cable distance between: <30 m applicable to fastinput devices <30 m applicable to fastoutput <30 m applicable to normal 的 input 各 channel 与内 partlogicbetween 的绝缘 500 Vrms AC iec: 61131-2 csa: C22.2 No 213 csa: C22.2 No 142 product certifications cULus CSA GOST-R ip: IP20 conforming to IEC 61131-2 pollutionclass 2 conforming to IEC 60664 工作海拔 0...2000 m 存储 height 0...3000 m unit type of package: 1 PCE number of units in package: 1 package: 1 Height 13.200 cm package: 1 Width 15.500 cm package: 1 Length 37.000 cm package: 1 Weight 933.000 g unit type of package: 2 S04 number of units in package: 2 6 package: 2 Height 30.000 cm package: 2 Width 40.000 cm package: 2 Length 60.000 cm package: 2 Weight 6.533 kg contractual warranty warranty 18 months sustainable premium: Co product. 2 了解 with 关 Green Premium 的更多信息 健康 safety 绩效 reach: Svhc) without with 毒重金属 reach: REACH declaration EUrohsinstruction activecompliant 性 (超出 EU RoHS 法 的 product) EUROHSdeclaration China Rohs management 办法 China ROHS declaration Product details: productparameter table specification Modicon M258 can programmingcontroller, 42 + 4 I/O - 24 V DC - CANopen TM258LF42DT4L main information productseries Modicon M258 producttype can programmingcontroller application 领域 - discreteI/O 编号 42 analogue inputquantity 4 discrete outputquantity 12 output 4 fastoutput complementary information discrete inputquantity 10 applicable to fastinput 12 applicable to input 4 applicable to normal 的 input discrete inputlogic 漏 applicable to fastinput 漏 applicable to normal 的 input 源 applicable to input discrete inputvoltage 24 V discrete inputvoltage type DC analogue input type current: 0...20 mA current: 4...20 mA voltage: +/- 10 V analogue input resolution 12 bits voltage state1 担保 >= 15 V applicable to fastinput >= 15 V applicable to fastoutput >= 15 V applicable to normal 的 input voltage state0 担保 <= 5 V applicable to fastinput <= 5 V applicable to fastoutput <= 5 V applicable to normal 的 input discrete inputcurrent 4 mA applicable to fastinput 4 mA applicable to normal 的 input input impedance 6 kOhm applicable to fastinput 6 kOhm applicable to normal 的 input configurable 滤波 time 0 ms applicable to fastinput/regularinput and fastoutput 1.5 ms applicable to fastinput/regularinput and fastoutput 12 ms applicable to fastinput/regularinput and fastoutput 4 ms applicable to fastinput/regularinput and fastoutput 不反弹过滤 2 μs...4 ms configurable fastinput/regularinput and fastoutput Maximum cable distance between <30 m applicable to fastinput devices <30 m applicable to fastoutput <30 m applicable to normal 的 input 各 channel 与内 partlogicbetween 的绝缘 500 Vrms AC 性靠 can 或性用适的品产用应用户用定特 at 用定确 at 用不或表代不档文本: 明声责免 channel 间 isolation without discrete outputlogic 源 discrete outputvoltage 24 V DC outputvoltage 限制 19.2...28.8 V discrete outputcurrent 4 mA applicable to fastoutput ratedpower supply voltage [Us] 24 V DC applicable to embedded 专家 modulepower supply 24 V DC applicable to I/Opower supplypart 24 V DC applicable to 主 power supply power supply voltage range 20.4...28.8 V rated current [In]

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0.04 A applicable to embedded 专家 modulepower supply 10 A applicable to I/O power supply part 0.31 A applicable to 主 power supply 峰值 current 100 kA (持续 time = <= 70 s) applicable to 主 power supply 25 kA (持续 time = <= 500 s) applicable to I/O power supply part 50 kA (持续 time = <= 150 s) applicable to embedded 专家 modulepower supply 1.2 A (持续 time = > 70 s) applicable to 主 power supply maximum power dissipation W 14.14 W 内存 instruction 闪光 128 MB 内存 part RAM 64 MB 实时时钟 without user 校准 clock, clock drift < 30 s/month at 25 ° C with user 校准 clock, clock drift <= 6 s/month data 备份 variable type 保存与永久保存 CR2477M Renata, 1.5 年 自治 integrated connection type 1 isolation 的 serial link and 孔型 RJ45 connector serial port Modbus and 主 / from 方法 RTU/ASCII or character mode ASCII RS232/RS485, 传输率: 300...115200 bps 1 isolation 的 serial link and 孔型 RJ45 connector Ethernet Modbus TCP/IP and from (站) 方法 10BASE-T/100BASE-TX 1 isolation 的 serial link and mini-B USB connector, 传输率: 480 Mbit/s 1 isolation 的 serial link and A 型 USB connector, 传输率: 480 Mbit/s 2 个免费插槽 1 CANopen and 针型 SUB-D 9 connector CANopen and 主 (站) 方法 传输率 125 kbit/s for bus length 为... 500 m applicable to CANopen 250 kbit/s for bus length 为... 250 m applicable to CANopen 50 kbit/s for bus length 为... 1000 m applicable to CANopen 500 kbit/s for bus length 为... 100 m applicable to CANopen 10 kbit/s for bus length 为... 5000 m applicable to CANopen 1000 kbit/s for bus length 为... 4 m applicable to CANopen 20 kbit/s for bus length 为... 2500 m applicable to CANopen 800 kbit/s for bus length 为... 25 m applicable to CANopen 计算 input 数 8 计数 input at 200 kHz local signal indicates 每 channel 1 LED applicable to I/O state 1 个 LED applicable to CAN0 state 1 个 LED applicable to MBS COM 1 个 LED green/red applicable to APP0 1 个 LED green/red applicable to APP1 1 个 LED green/red applicable to Eth NS (Ethernet network state) 1 个 LED green/red applicable to Eth ST (Ethernet state) 1 个 LED green/red applicable to RUN/MS (module state) 1 个 LED green/red applicable to USB 主机 1 个 LED 绿/黄 applicable to Eth LA (Ethernet 活动) 1 个 LED red applicable to battery state 标识 CE mounting method 对称 DIN 轨 width 237.5 mm height 99 mm depth 85 mm 净重 0.77 kg 2024 年 8 月 21 日 environment conforming to standard UL 508 IEC 61131-2 CSA C22.2 No 213 CSA C22.2 No 142 product certifications cULus CSA GOST-R C-Tick ambient temperature 0...55 ° C without 降容 (垂直 mounting) 0...60 ° C with (垂直 mounting) 0...50 ° C (垂直 mounting) storage ambient temperature -25...70 ° C relative humidity 5...95 % without 凝结 IP protection class IP20 conforming to IEC 61131-2 pollution class 2 conforming to IEC 60664 工作海拔 0...2000 m 存储 height 0...3000 m vibration resistance 1 gn at 8.4...150 Hz at DIN DIN rail mounting 3.5 mm at 5...8.4 Hz at DIN DIN rail mounting shock resistance 15 gn applicable to 11 ms 抗静电放电 4 kV 接触 conforming to IEC 61000-4-2 8 kV 空气中 conforming to IEC 61000-4-2 抗电磁域 1 V/m 2...2.7 GHz conforming to IEC 61000-4-3 10 V/m 80...2000 MHz conforming to IEC 61000-4-3 抗瞬时 pulse 能力 1 kV conforming to IEC 61000-4-4 (E/S) 1 kV conforming to IEC 61000-4-4 (shielding cable) 2 kV conforming to IEC 61000-4-4 (power cable) 浪涌耐受 0.5 kV 差模 conforming to IEC 61000-4-5 1 kV 共模 conforming to IEC 61000-4-5 辐射式/传导式干扰 CISPR 11 packaging unit Unit Type of Package 1 PCE Number of Units in Package 1 1 Package 1 Height 13.200 cm Package 1 Width 15.500 cm Package 1 Length 37.000 cm Package 1 Weight 933.000 g Unit Type of Package 2 S04 Number of Units in Package 2 6 Package 2 Height 30.000 cm Package 2 Width 40.000 cm Package 2 Length

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60.000 cm Package 2 Weight 6.533 kg contractual warranty warranty 18 months sustainable Green PremiumTM label 是施耐德 electrical 致力 at 提供具备一流环保性能的 product 的承诺. Green Premium 承诺遵守最新 regulation、倡导对 environment 影响 transparent 度并生产 can 再循环 and 低 Co product. 2 了解 with 关 Green Premium 的更多信息 健康 safety 绩效 Reach (不含 Svhc) without with 毒重金属 without 汞 Rohs 豁免信息是 without Pvc Reachregulation REACH declaration EU Rohsinstruction activecompliant 性 (超出 EU RoHS 法 3 range 的 product) EUROHSdeclaration China Rohs management 办法 China ROHS declaration Weee 该 product 必须经特定废物回收处理后弃置 at EU 市场, 绝不 can 丢弃 at 垃圾桶中. 4 2024 年 8 月 21 日



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