

Data Sheet REDIS 2015-WN



- Low-Power, High-Performance-Control Panel, suitable for installation in compact control desks
- Newest Chip-Technology with industrial SSD memory
- System construction without fan for operation at industrial plants
- Process interface with Profinet-IO or alternatively Ethernet/IP
- Integrated I/O module for commanding and signaling devices
- Extended range of operation temperature

Technical Data

Display

Type of display	TFT
Display diagonal	15"
Format	4:3
Resolution (W x H)	1024 x 768 pixels
Back lighting	LED
Durability HBL	50.000 h
Brightness	400 Cd/m ²
Contrast	700:1
Touchscreen	Resistive (single touch)
Front design	Aluminium anodized with PVC film

Interfaces

Ethernet ^(®2)	1 x RJ45
Speed (Mbit/s)	100 / 1000
USB	3 x 2.0

Processor

CPU	2,1 GHz, High Speed CPU
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Memory

RAM	4 GB
SSD	30 GB or 60 GB

Power Supply

Power supply	24 VDC -15 % to +20% acc. to EN 61131-2
Current drawn	Approx. 1,4 A (continuous), approx. 2 A (peak)
Power consumption	Approx. 34 W (continuous), approx. 48 W (peak)

Interfaces Process Interface (Option)	
PROFINET ^{®1)} IO Device or Ethernet ^{®2)}	Incl. Switch, 2 x RJ45
Digital inputs	16 x 24 V
Digital outputs	16 x 24 V, 100 mA
Signal supply	Independent from Panel-PC
Short-circuit proof	Yes, not galvanically isolated
Power supply	24 VDC -15 % to +20% acc. to EN 61131-2
Protection	
Front	IP65 acc. EN 60529
Rear	IP20 acc. EN 60529
Environmental Conditions	
Operating temperature	0 to +55 °C
Storage temperature	-20 to +60 °C
Relative humidity	<80 %, without condensation
Housing	
Overall dimensions (W x H) in mm	420 x 341
Cut-out dimensions (W x H) in mm	402 ⁺¹ x 323 ⁺¹
Mounting depth	Approx. 75 mm without connector
Front panel	Aluminium anodized with PVC foil
Housing lid	Stainless steel
Weight	Approx. 5,0 kg
Certificates and Approvals	
CE conformity	Yes
Order No	
92445 1078	REDIS 2015-WN, PROFINET [®] IO Device, 16 DI/DO, 4 GB RAM, 30 GB SSD
92445 1079	REDIS 2015-WN, Ethernet/IP [®] Device, 16 DI/DO, 4 GB RAM, 30 GB SSD
92445 1178	REDIS 2015-WN, PROFINET [®] IO Device, 16 DI/DO, 4 GB RAM, 60 GB SSD
92445 1179	REDIS 2015-WN, Ethernet/IP [®] Device, 16 DI/DO, 4 GB RAM, 60 GB SSD
92445 1000	REDIS 2015-WN, 4 GB RAM, 30 GB SSD
92445 1100	REDIS 2015-WN, 4 GB RAM, 60 GB SSD

¹⁾ PROFINET[®] IO and the PROFINET[®] logo are registered trademarks of PROFINET[®] user organization e.V. (PNO)

²⁾ Ethernet/IP[®] is a registered trademark of Xerox Corporation.



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