

Controller - ICS-852 - 2878382

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Programmable controller for LON networks, TP/FT10, LON/IP

Your advantages

- ✓ Flexible use, thanks to the modular system and unique modularity in the connection technology
- ✓ Standardized connections such as RJ45, USB, D-SUB, and antenna sockets as integrative components
- ✓ Optimal space utilization as well as adaptability of design, colors, and printing
- ✓ 8-position DIN rail connector with parallel and serial contacts for easy module-to-module communication

RoHS

Key Commercial Data

Packing unit	1
GTIN	 4 046356 078535
GTIN	4046356078535
Custom tariff number	85176200

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	90 mm
Height	119.8 mm
Depth	71.5 mm
Note on dimensions	Specifications with connectors

Controller - ICS-852 - 2878382

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Ambient conditions

Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Permissible humidity (operation)	0 % ... 75 % (non-condensing)
Degree of protection	IP20

Interfaces

Designation	LON
Connection method	3-pos. COMBICON
Designation connection point	TP/FT10
Number of positions	3
Designation	LON/IP
Connection method	RJ45
Designation connection point	10/100 BaseT
Transmission speed	10/100 Mbps

General

Mounting type	DIN rail
Color	green
Net weight	270 g
Note on weight specifications	without plug

Inline potentials

Designation	Communications power (U_L)
Supply voltage	7.5 V DC
Power supply unit	max. 2 A DC
Designation	Supply of analog modules (U_{ANA})
Supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Power supply unit	max. 0.5 A DC (observe derating)
Designation	Main circuit supply (U_M)
Supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Power supply unit	max. 8 A
Designation	Segment circuit supply (U_S)
Supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Power supply unit	max. 8 A
Current consumption	max. 8 A

Controller - ICS-852 - 2878382

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Standards and Regulations

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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Classifications

eCl@ss

eCl@ss 4.0	27250203
eCl@ss 4.1	27250203
eCl@ss 5.0	27250203
eCl@ss 5.1	27242608
eCl@ss 6.0	27242608
eCl@ss 7.0	27242608

ETIM

ETIM 2.0	EC001434
ETIM 3.0	EC001604
ETIM 4.0	EC001604
ETIM 5.0	EC001604

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Accessories

Accessories

End block

End clamp - CLIPFIX 35 - 3022218



Quick mounting end clamp for NS 35/7,5 DIN rail or NS 35/15 DIN rail, with marking option, width: 9.5 mm, color: gray

Labeling panel

Controller - ICS-852 - 2878382

Accessories

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



Plug

Inline connector - IB IL SCN-8-CP - 2727608



Inline connector, colored

Terminal marking

Insert strip - ESL 62X10 - 0809492



Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems: Laser printer, mounting type: insert, lettering field size: 62 x 10 mm, Number of individual labels: 72