## SIEMENS

## Data sheet

## 6ES7141-6BH00-0AB0



SIMATIC DP, ET 200ECO PN, 16 DI 24 V DC; 8xM12, duplicate assignment; Degree of protection IP67

Figure	similar

General information			
Vendor identification (VendorID)	002AH		
Device identifier (DeviceID)	0306H		
Supply voltage			
Rated value (DC)	24 V		
Reverse polarity protection	Yes		
Input current			
Current consumption, typ.	100 mA		
from supply voltage 1L+, max.	4 A		
Encoder supply			
24 V encoder supply			
<ul> <li>Short-circuit protection</li> </ul>	Yes; Electronic		
<ul> <li>Output current, max.</li> </ul>	100 mA; per output		
Power loss			
Power loss, typ.	6.5 W		
Digital inputs			
Number of digital inputs	16		
• in groups of	2		
Input characteristic curve in accordance with IEC 61131, type 3	Yes		
Number of simultaneously controllable inputs			
all mounting positions			
— up to 60 °C, max.	16		
Input voltage			
<ul> <li>Rated value (DC)</li> </ul>	24 V		
● for signal "0"	-3 to +5V		
● for signal "1"	+11 to +30V		
Input current			
• for signal "1", typ.	7 mA		
Input delay (for rated value of input voltage)			
for standard inputs			
— at "0" to "1", max.	typically 3 ms		
— at "1" to "0", max.	typically 3 ms		
Cable length	20 m		
• unshielded, max.	30 m		
Encoder			

Autoric Sector         Yes           - permissible queesent current (2-wire sensor), mox         1.5 mA           Transmission procedure         100BASE-TX           Number of PROFINET interfaces         1           Interface         1           Interfaces         1           Supports protocol for PROFINET ID         Yes           ProPORINET Descine         No      <	Correctable anadara	
ngminsbile quiescent current (2-wire sensor), ng. 5 mA interfaces	Connectable encoders	Ver
max.  Transmission procedure  Transmission procedure  Transmission procedure  Interface  Transmission procedure  Interface types  Interface types Interface types  Interface types In		
Interfaces         100BASE-TX           Transmission procedure         1           1.Interface         1           1.Interface         1           1.Interface         Yes           • Mi2 port         Yes           • interface types         -           • Autonogolation         Yes           • Transmission rate, max.         100 Matris           Procense         Yes           • Procense         No           PROFINET IO Device         Yes           Services         -           - IF with the option "high flexibility"         Yes           IF with the option "high flexibility"         Yes           IRT with the option "high flexibility"         Yes           IRT with the option "high flexibility"         Yes           - Open IE communication         Yes           • Open IE communication         Yes           • ODP         Yes           • ODP         Yes           • ODgnostic information		1.5 MA
Transmission procedure         1008ASE-TX           Number of PROFINET Interfaces         1           Interface         1           Interface types         1           Interface types         1           Interface types         Yes           Interface types         Yes           Interface types         Yes           Autonogolistion         Yes           - Autocossing         Yes           - Transmission rate, max.         100 Mbit/s           Procincits         Supports protocol for PROFINET IO           PROFINET COA         No           Services         -		
Number of PROFINET Interfaces         1           1. Interface         Interface           Interface types         Yes           Interface types         Yes           Interface types         Yes           M12 port         Yes           Autoregotation         Yes           Autoregotation         Yes           Autoregotation         Yes           Autoregotation         Yes           Autoregotation         Yes           Proferise         No           PROFINET CEA         No           PROFINET IO Device         Yes           Services         -           - RT with the option "high flexibility"         Yes           - Prioritized startup         Yes           - Redundancy         -           - MRP         Yes           Open IE communication         Yes           • DCP         Yes           • DDP         Yes           • Diagnostic alarn         Yes           • Diagnostic function         Yes           • Diagnostic function         Yes           • Obagnostic information readable         Yes           • Obagnostic information readable         Yes           • Obagnostic i		
1. Interface           Interface types           • M12 port         Yes           • Interface types           M12 port         Yes           • Autoregotistion         Yes           • Autoressing         Yes           • Transmission rate, max.         100 Mbi/s           Protocols         Protocols           PROFINET ICBA         No           PROFINET CBA         No           PROFINET IO Device         Yes           Services         -           - IRT with the option "high flexibility"         Yes           - Profinated startup         Yes           - Profinated startup         Yes           - Profinated startup         Yes           - IRT with the option "high flexibility"         Yes           - Profinated startup         Yes           - Deprofice communication         -           - TCP/IP         No           • SMMP         Yes           • Diagnostic status information         -           Diagnostic status information         -           Diagnostic status information         Yes           • Diagnostic information readable         Yes           • Diagnostic information readable         Yes		
Interface types <ul> <li>Mit2 port</li> <li>Yes</li> <li>integrated switch</li> <li>Yes</li> <li>Autorcossing</li> <li>Autorcossing</li> <li>Yes</li> <li>Protocols</li> <li>Supports protocol for PROFINET IO</li> <li>Yes</li> <li>PROFINET OBA</li> <li>No</li> <li>PROFINET IO Device</li> <li>Services</li> <li>IFT with the option "high flexibility"</li> <li>Yes</li> <li>Protitized startup</li> <li>Yes</li> <li>Proteitized startup</li> <li>Yes</li> <li>Open El communication</li> <li>TCP/P</li> <li>No</li> <li>Startice startup</li> <li>Yes</li> <li>ODEP</li> <li>Yes</li> <li>ODEP</li> <li>Yes</li> <li>Yes</li> <li>Oblignostic struction</li> <li>Yes</li> <li>Service struction</li> <li>Yes</li> <li>Diagnostic fortomation readable</li> <li>Yes</li> <li>Service struction code suphy</li> <li>Yes</li> <li>Service struction</li> <li>Yes</li> <li>Protential separation</li> <li>Ves</li> <li>Service struction code suphy</li> <li>Yes</li> <li>Servential separation</li></ul>		1
• M12 port     Yes       Interface types       M12 port     Yes       • Autoregotation     Yes       • Transmission rate, max.     100 Mbit/s       Protocols     Supports protocol for PROFINET IO       PROFINET CDA     No       PROFINET COA     No       PROFINET COA     No       PROFINET IO Device     Services       -     - If RT with the option "high flexibility"     Yes       -     - Proficitized startup     Yes       Redundancy mode     Media redundancy       -     - MRP     Yes       Open IE communication     -       • TCP/P     No       • SNMP     Yes       • Diponotical/startus information     -       Diagnostical/startus information     -       Diagnostical/startus information     Yes       • Diagnostic information readable     Yes       • Diagnostic information readable     Yes       • Diagnostic information readable     Yes; green "ON" LED       • Diagnostic information readable     Yes; redryellow "SF/ATT = LD       • Diagnostic info		
integrated switch Yes integrated switch Yes interface types in		
Interface types MT2 port Autoregolation Yes Autorcossing Yes Autorcossing Yes Autorcossing Yes Autorcossing Yes Transmission rate, max. 100 Mulris Protocols Supports protocol for PROFINET IO Yes PROFINET CBA No PROFINET CBA No PROFINET TO Device Services INT with the option "high flexibility" Yes Protocols Services INT with the option "high flexibility" Yes Redundancy mode Yes Redundancy mode Yes Redundancy mode Yes Yes Redundancy mode Yes No Support protocols Yes No Support protocols Yes No No Support protocols Yes Redundancy mode Yes Redundancy No Support Yes Redundancy Yes Redundancy Yes Redundancy Yes Redundancy Yes Redundancy Yes Redundancy Yes No Support Yes Redundancy Yes Support Yes Redundancy Yes Support		
M12 port <ul> <li>Autoregotation</li> <li>Yes</li> <li>Autoressing</li> <li>Yes</li> <li>Autoressing</li> <li>Yes</li> <li>Transmission rate, max.</li> <li>100 Mbit/s</li> <li>Protocolc</li> <li>Supports protocol for PROFINET IO</li> <li>Yes</li> <li>PROFINET CBA</li> <li>No</li> <li>PROFINET CBA</li> <li>No</li> <li>PROFINET CBA</li> <li>No</li> <li>PROFINET IO Device</li> <li>Services</li> <li>- Firotitized startup</li> <li>Yes</li> <li>- Prioritized startup</li> <li>Yes</li> <li>Provintized startup</li> <li>Yes</li> <li>Open Elic communication</li> <li>TCP/IP</li> <li>No</li> <li>SNMP</li> <li>Yes</li> <li>DCP</li> <li>Yes</li> <li>DCP</li> <li>Yes</li> <li>DCP</li> <li>Yes</li> <li>ARP</li> <li>Yes</li> <li>DCP</li> <li>Yes</li> <li>Approprint Provide status information</li> <li>Toterup</li> <li>Yes</li> <li>DCP</li> <li>Yes</li> <li>DCP</li> <li>Yes</li> <li>Diagnostics function</li> <li>Yes</li> <li>Diagnostics function</li> <li>Yes</li> <li>Diagnostic atarm</li> <li>Yes</li> <li>Diagnostic atarm</li> <li>Yes</li> <li>Diagnostic atarm</li> <li>Yes</li> <li>Protocate studies</li> <li>Yes</li> <li>Protocate studies</li> <li>Yes</li> <li>Protocate studies</li> <li>Yes</li> <li>Protocate studies</li> <li>Yes</li> <li>Protomation readable</li> <li>Yes</li> <li>No</li> <li>Protocate studies</li> <li>Yes</li> <li>Protomation readable</li> <li>Yes</li> <li>Strot-Ficulit encoder supply</li> <li>Ye</li></ul>		Yes
<ul> <li>Autoroposing</li> <li>Yes</li> <li>Autorossing</li> <li>Yes</li> <li>Transmission rate, max.</li> <li>100 Mbit/s</li> </ul> Protocols           Supports protocol for PROFINET IO         Yes           PROFINET CBA         No           PROFINET CBA         No           PROFINET IO Device         Services           Services         -           - IRT with the option "high flexibility"         Yes           - PROFINET IO Device         Services           Services         -           - PROFINET IO Device         Services           Services         -           - PROFINET IO Device         Services           Services         -           - RTR         Yes           - Proditized starup         Yes           Redundancy mode         Media redundancy           - TCP/IP         No           SNMP         Yes           Open IE communication         Yes           TCP/IP         No           Save         Yes           Diagnostics function         Yes           ARP         Yes           Diagnostic structure formation readable         Yes           Diagnostic structure formation readable         Yes           Nonitoring the supply voltage <td< td=""><td></td><td></td></td<>		
+ Autocrossing     Yes       Transmission rate, max.     100 Mbit/s       Protocols     ************************************		
• Transmission rate, max.     100 Mbit/s       Protocols		
Protocols         Supports protocol for PROFINET IO       Yes         PROFINET CBA       No         PROFINET IO Device       No         Services		
Supports protocol for PROFINET IO         Yes           PROFINET CBA         No           PROFINET CBA         No           PROFINET IO Device         Services	Transmission rate, max.	100 Mbit/s
PROFINET CBA     No       PROFINET IO Device     Services	Protocols	
PROFisate     No       PROFINET IO Device     Services	Supports protocol for PROFINET IO	Yes
PROFINET IO Device         Services         IRT with the option "high flexibility"       Yes         Prioritized startup       Yes         Redundancy mode       Yes         Media redundancy       Yes         MRP       Yes         Open IE communication       Yes         • DCP       Yes         • Dagnostic sfunction       Yes         Diagnostic sfunction       Yes         Diagnostic alarm       Yes         Diagnostic information readable       Yes         • Monitoring the supply voltage       Yes; green "ON" LED         • Monitoring the supply voltage       Yes; Per channel group         • Short-circuit encoder supply       Yes; Per channel group         • Oroup error       Yes         Potential separation       Yes         between the load voltages       Yes	PROFINET CBA	No
Services	PROFIsafe	No
	PROFINET IO Device	
Prioritized startup     Yes       Redundancy mode	Services	
Redundancy mode       Media redundancy        MRP       Yes         Open IE communication       •         • TCP/IP       No         • SNMP       Yes         • DCP       Yes         • DCP       Yes         • LLDP       Yes         • LLDP       Yes         • ARP       Yes         • Diagnostics/status information       Diagnostics function         Diagnostic solution       Yes         Alarms       •         • Diagnostic information readable       Yes         • Diagnostic information readable       Yes         • Monitoring the supply voltage       Yes; green "ON" LED         • Wire-break in signal transmitter cable       Yes         • Short-circuit encoder supply       Yes; Per channel group         • Group error       Yes; Per channel group         between the load voltages       Yes         between the load voltages and all other switching components       No         between the channels	<ul> <li>IRT with the option "high flexibility"</li> </ul>	Yes
Media redundancy    MRP     Yes       Open IE communication     -       • TCP/IP     No       • SMMP     Yes       • DCP     Yes       • LLDP     Yes       • LLDP     Yes       • ping     Yes       • ARP     Yes       Interrupts/diagnostics/status information     Yes       Diagnostic sfunction     Yes       Alarms     -       • Diagnostic information readable     Yes       Diagnostic information readable     Yes       • Diagnostic information readable     Yes       • Diagnostic information readable     Yes       • Oignostic information readable     Yes       • Oignostic information readable     Yes       • Oignostic information readable     Yes       • Stort-circuit encoder supply voltage     Yes; green "ON" LED       • Wire-break in signal transmitter cable     Yes       • Group error     Yes; Red/yellow "SF/MT" LED       Potential separation     -       between the load voltage and all other switching components     No       between the channels     No       • between the channels     No <td< td=""><td>— Prioritized startup</td><td>Yes</td></td<>	— Prioritized startup	Yes
MRP     Yes       Open IE communication	Redundancy mode	
Open IE communication       No         • TCP/IP       No         • SNMP       Yes         • DCP       Yes         • LLDP       Yes         • ping       Yes         • ARP       Yes         Interrupts/diagnostics/status information       Diagnostics/status information         Diagnostic sunction       Yes         Alarms          • Diagnostic information readable       Yes         • Diagnostic information readable       Yes         • Monitoring the supply voltage       Yes; green "ON" LED         • Wire-break in signal transmitter cable       Yes         • Short-circuit encoder supply       Yes; Per channel group         • Group error       Yes         Potential separation          between the load voltages       Yes         • between the load voltage and all other switching components       No         between the channels       Yes         • obtiven the channels       No         Isolation       Yes         tested with       .         • Z4 V DC circuits       .         • Test voltage for interface, rms value [Vrms]       1 500 V; According to IEEE 802.3         Degree and class of protection       IP67 <td>Media redundancy</td> <td></td>	Media redundancy	
• TCP/IP     No       • SNMP     Yes       • DCP     Yes       • LLDP     Yes       • ping     Yes       • ARP     Yes       Interrupts/diagnostics/status information     Interrupts/diagnostics/status information       Diagnostics function     Yes       Alarms        • Diagnostic alarm     Yes       Diagnostic information readable     Yes       • Diagnostic information readable     Yes       • Monitoring the supply voltage     Yes; green "ON" LED       • Wire-break in signal transmitter cable     Yes       • Short-circuit encoder supply     Yes; Per channel group       • Group error     Yes       Potential separation        between the load voltages     Yes       • between the load voltage and all other switching components     No       between the channels     Yes       • between the channels     No       • between the channels     No       Isolation     1300 V; According to IEEE 802.3       Degree and class of protection     IP67	— MRP	Yes
• SNMPYes• DCPYes• LLDPYes• LLDPYes• pingYes• ARPYesInterrupts/diagnostics/status informationDiagnostics functionVesAlarmsYes• Diagnostic nformation readableYes• Diagnostic information readableYes• Diagnostic information readableYes• Monitoring the supply voltageYes; green "ON" LED• Wire-break in signal transmitter cableYes• Short-circuit encoder supplyYes; Per channel group• Group errorYes; Per channel group• Group errorYes; Red/yellow "SF/MT" LEDPotential separationNobetween the load voltagesYes• between the load voltage and all other switching componentsNobetween the channelsYes• between the channelsNoIsolationIsolationIsolationIsolationIsolation1 500 V; According to IEEE 802.3Pegree and class of protectionIP67	Open IE communication	
• DCPYes• LLDPYes• pingYes• ARPYesInterrupts/diagnostics/status informationYesDiagnostics functionYesAlarms• Diagnostic alarmYesDiagnostic information readableYes• Diagnostic information readableYes• Monitoring the supply voltageYes; green "ON" LED• Wire-break in signal transmitter cableYes• Short-circuit encoder supplyYes; Per channel group• Group errorYes; Red/yellow "SF/MT" LEDPotential separationYesbetween the load voltagesYesbetween the load voltage and all other switching componentsNobetween the channelsYes• between the channelsNotested with.• 24 V DC circuits707 V DC (type test)• Test voltage for interface, rms value [Vrms]1500 V; According to IEEE 802.3Degree and class of protectionIP67	• TCP/IP	No
• LLDPYes• pingYes• ARPYesInterrupts/diagnostics/status informationYesDiagnostics functionYesAlarmsYes• Diagnostic alarmYes• Diagnostic information readableYes• Diagnostic information readableYes; green "ON" LED• Wire-break in signal transmitter cableYes; green "ON" LED• Wire-break in signal transmitter cableYes; Per channel group• Group errorYes; Red/yellow "SF/MT" LEDPotential separationNobetween The load voltagesYes• between Ethernet and electronicsYes• between the channelsNoIsolationIsolationtested with1500 V; According to IEEE 802.3Pegree and class of protectionIP67	• SNMP	Yes
• ping • ARPYes• ARPYesInterrupts/diagnostics/status informationDiagnostics functionYesAlarms• Diagnostic alarmYes• Diagnostic information readable • Monitoring the supply voltageYes; green "ON" LED• Monitoring the supply voltageYes; green "ON" LED• Wire-break in signal transmitter cable • Short-circuit encoder supplyYes; Per channel group• Group errorYes; Red/yellow "SF/MT" LEDPotential separationNobetween the load voltage and all other switching components between the channelsYes• Detween the channelsNoIsolationYes* est with• 24 V DC circuits • Test voltage for interface, rms value [Vrms]1 500 V; According to IEEE 802.3Degree and class of protectionIP67	• DCP	Yes
• ARP       Yes         Interrupts/diagnostics/status information       Yes         Diagnostics function       Yes         Alarms       • Diagnostic alarm         • Diagnostic information readable       Yes         Diagnostic information readable       Yes         • Monitoring the supply voltage       Yes; green "ON" LED         • Wire-break in signal transmitter cable       Yes         • Short-circuit encoder supply       Yes; Per channel group         • Group error       Yes; Red/yellow "SF/MT" LED         Potential separation       No         between load voltage and all other switching components       No         between the channels       Yes         • between the channels       No         Isolation       Yes         etasted with       24 V DC circuits         • Z4 V DC circuits       707 V DC (type test)         • Test voltage for interface, rms value [Vrms]       1 500 V; According to IEEE 802.3         Degree and class of protection       IP67	• LLDP	Yes
Interrupts/diagnostics/status information           Diagnostics function         Yes           Alarms         • Diagnostic alarm           • Diagnostic alarm         Yes           Diagnoses         •           • Diagnostic information readable         Yes           • Monitoring the supply voltage         Yes; green "ON" LED           • Wire-break in signal transmitter cable         Yes           • Short-circuit encoder supply         Yes; Per channel group           • Group error         Yes; Red/yellow "SF/MT" LED           Potential separation         No           between the load voltages         Yes           • Detween the channels         No           between the channels         No           between the channels         Yes           • Detween the channels         No           • between the channels         No           tested with         24 V DC circuits           • Test voltage for interface, rms value [Vrms]         1 500 V; According to IEEE 802.3           Degree and class of protection         IP67	• ping	Yes
Diagnostics function       Yes         Alarms       • Diagnostic alarm         • Diagnostic alarm       Yes         Diagnoses       • Diagnostic information readable         • Diagnostic information readable       Yes         • Diagnostic information readable       Yes         • Monitoring the supply voltage       Yes; green "ON" LED         • Wire-break in signal transmitter cable       Yes         • Short-circuit encoder supply       Yes; Per channel group         • Group error       Yes; Red/yellow "SF/MT" LED         Potential separation       No         between the load voltages       Yes         • Detween the channels       No         between the channels       No         Isolation       Isolation         tested with       • 24 V DC circuits         • Test voltage for interface, rms value [Vrms]       1 500 V; According to IEEE 802.3         Degree and class of protection       IP67	• ARP	Yes
Alarms            • Diagnostic alarm             • Diagnostic information readable             • Monitoring the supply voltage             • Monitoring the supply voltage             • Wire-break in signal transmitter cable             • Vire-break in signal transmitter cable             • Short-circuit encoder supply             • Group error             • Potential separation             • Detween the load voltages             • Detween the load voltages             • Detween to load voltage and all other switching components             • Detween the channels             • Detween the channels             • between the channels             • between the channels             • between the channels             • between the channels             • 24 V DC circuits             • 24 V DC circuits             • Test voltage for interface, rms value [Vrms]	Interrupts/diagnostics/status information	
Alarms       Yes         Diagnostic alarm       Yes         Diagnostic information readable       Yes <ul> <li>Diagnostic information readable</li> <li>Yes; green "ON" LED</li> <li>Monitoring the supply voltage</li> <li>Yes; green "ON" LED</li> <li>Wire-break in signal transmitter cable</li> <li>Yes; Per channel group</li> <li>Group error</li> <li>Yes; Red/yellow "SF/MT" LED</li> </ul> <li>Potential separation</li> <li>between the load voltages</li> <li>Yes</li> <li>Petential separation channels</li> <li>between Ethernet and electronics</li> <li>Potential separation channels</li> <li>between the channels</li> <li>No</li> <li>Isolation</li> <li>tested with         <ul> <li>24 V DC circuits</li> <li>Tot V DC (type test)</li> <li>Tot V According to IEEE 802.3</li> </ul> </li>	Diagnostics function	Yes
Diagnoses         • Diagnostic information readable       Yes         • Monitoring the supply voltage       Yes; green "ON" LED         • Wire-break in signal transmitter cable       Yes         • Short-circuit encoder supply       Yes; Per channel group         • Group error       Yes; Red/yellow "SF/MT" LED         Potential separation          between the load voltages       Yes         between load voltage and all other switching components       No         between Ethernet and electronics       Yes         • between the channels       No <b>Isolation</b> No         Isolation       1         tested with       24 V DC circuits         • Test voltage for interface, rms value [Vrms]       1 500 V; According to IEEE 802.3         Degree and class of protection       IP67		
Diagnoses         • Diagnostic information readable       Yes         • Monitoring the supply voltage       Yes; green "ON" LED         • Wire-break in signal transmitter cable       Yes         • Short-circuit encoder supply       Yes; Per channel group         • Group error       Yes; Red/yellow "SF/MT" LED         Potential separation       Potential separation         between the load voltages       Yes         between load voltage and all other switching components       No         between Ethernet and electronics       Yes         • between the channels       No         • between the channels       No         Isolation       Isolation         tested with       24 V DC circuits         • Test voltage for interface, rms value [Vrms]       1 500 V; According to IEEE 802.3         Degree and class of protection       IP67	Diagnostic alarm	Yes
• Monitoring the supply voltageYes; green "ON" LED• Wire-break in signal transmitter cableYes• Short-circuit encoder supplyYes; Per channel group• Group errorYes; Red/yellow "SF/MT" LEDPotential separationbetween the load voltagesYesbetween load voltage and all other switching componentsNobetween Ethernet and electronicsYesPotential separation channels• between the channelsNoIsolationtested with• 24 V DC circuits707 V DC (type test)• Test voltage for interface, rms value [Vrms]1 500 V; According to IEEE 802.3Degree and class of protectionIP67	Diagnoses	
• Monitoring the supply voltageYes; green "ON" LED• Wire-break in signal transmitter cableYes• Short-circuit encoder supplyYes; Per channel group• Group errorYes; Red/yellow "SF/MT" LEDPotential separationbetween the load voltagesYesbetween toad voltage and all other switching componentsNobetween Ethernet and electronicsYesPotential separation channelsYes• between the channelsNoIsolationIsolationtested with24 V DC circuits• Test voltage for interface, rms value [Vrms]1 500 V; According to IEEE 802.3Degree and class of protectionIP67	Diagnostic information readable	Yes
<ul> <li>Wire-break in signal transmitter cable</li> <li>Short-circuit encoder supply</li> <li>Group error</li> <li>Yes; Per channel group</li> <li>Group error</li> <li>Yes; Red/yellow "SF/MT" LED</li> </ul> Potential separation           between the load voltages         Yes           between the load voltage and all other switching components         No           between Ethernet and electronics         Yes           Potential separation channels         Yes           • between the channels         No           Isolation         Isolation           tested with         24 V DC circuits           • Test voltage for interface, rms value [Vrms]         1 500 V; According to IEEE 802.3           Degree and class of protection         IP67		
<ul> <li>Short-circuit encoder supply</li> <li>Group error</li> <li>Yes; Red/yellow "SF/MT" LED</li> <li>Potential separation</li> <li>between the load voltages</li> <li>Yes</li> <li>between load voltage and all other switching components</li> <li>No</li> <li>between Ethernet and electronics</li> <li>Yes</li> <li>Potential separation channels</li> <li>between the channels</li> <li>No</li> <li>Isolation</li> <li>tested with</li> <li>24 V DC circuits</li> <li>Test voltage for interface, rms value [Vrms]</li> <li>1 500 V; According to IEEE 802.3</li> <li>Degree and class of protection</li> <li>IP degree of protection</li> </ul>		-
• Group error       Yes; Red/yellow "SF/MT" LED         Potential separation		Yes; Per channel group
Potential separation         between the load voltages       Yes         between load voltage and all other switching components       No         between Ethernet and electronics       Yes         Potential separation channels       Yes         • between the channels       No         Isolation       Isolation         tested with       24 V DC circuits         • Test voltage for interface, rms value [Vrms]       1 500 V; According to IEEE 802.3         Degree and class of protection       IP67		
between the load voltages       Yes         between load voltage and all other switching components       No         between Ethernet and electronics       Yes         Potential separation channels       Yes         • between the channels       No         Isolation       Isolation         tested with       24 V DC circuits         • Test voltage for interface, rms value [Vrms]       1 500 V; According to IEEE 802.3         Degree and class of protection       IP degree of protection		
between load voltage and all other switching components       No         between Ethernet and electronics       Yes         Potential separation channels       No         • between the channels       No         Isolation       Isolation         • 24 V DC circuits       707 V DC (type test)         • Test voltage for interface, rms value [Vrms]       1 500 V; According to IEEE 802.3         Degree and class of protection       IP degree of protection		Yes
between Ethernet and electronics       Yes         Potential separation channels       No         • between the channels       No         Isolation       Isolation         • 24 V DC circuits       707 V DC (type test)         • Test voltage for interface, rms value [Vrms]       1 500 V; According to IEEE 802.3         Degree and class of protection       IP67		
Potential separation channels       No         • between the channels       No         Isolation       Isolation         • 24 V DC circuits       707 V DC (type test)         • Test voltage for interface, rms value [Vrms]       1 500 V; According to IEEE 802.3         Degree and class of protection       IP67		
• between the channels     No       Isolation       tested with       • 24 V DC circuits     707 V DC (type test)       • Test voltage for interface, rms value [Vrms]     1 500 V; According to IEEE 802.3       Degree and class of protection     IP67		
Isolation       tested with       • 24 V DC circuits     707 V DC (type test)       • Test voltage for interface, rms value [Vrms]     1 500 V; According to IEEE 802.3       Degree and class of protection     IP67		No
tested with         • 24 V DC circuits       707 V DC (type test)         • Test voltage for interface, rms value [Vrms]       1 500 V; According to IEEE 802.3         Degree and class of protection         IP degree of protection       IP67		
• 24 V DC circuits       707 V DC (type test)         • Test voltage for interface, rms value [Vrms]       1 500 V; According to IEEE 802.3         Degree and class of protection       IP67		
Test voltage for interface, rms value [Vrms] 1 500 V; According to IEEE 802.3  Degree and class of protection  IP degree of protection IP67		707 V DC (type test)
Degree and class of protection       IP degree of protection       IP67		
IP degree of protection IP67		
Connection method		IP67
	Connection method	

Design of electrical connection	4/5-pin M12 circular connectors
Dimensions	
Width	60 mm
Height	175 mm
Depth	49 mm
Weights	
Weight, approx.	910 g
	~ <b>1</b>

last modified:

2/1/2021 🖸