SIEMENS

Data sheet

6ES7541-1AB00-0AB0



SIMATIC S7-1500, CM PTP RS422/485 HF Communication module for Serial connection RS422 and RS485, Freeport, 3964 (R), USS, MODBUS RTU Master, Slave, 115200 Kbit/s, 15-Pin D-sub socket

Figure similar

General information	
Product type designation	CM PtP RS 422 / 485 HF
Product function	
• I&M data	Yes; I&M 0
Fast startup	Yes
Engineering with	
 STEP 7 TIA Portal configurable/integrated from version 	V12 / V12
 STEP 7 configurable/integrated from version 	V5.5 SP2 with GSD file
 PROFIBUS from GSD version/GSD revision 	- / -
 PROFINET from GSD version/GSD revision 	V2.3 / -
Installation type/mounting	
Rail mounting	Yes; S7-1500 mounting rail
Supply voltage	
Design of the power supply	system power supply
Input current	
Current consumption (rated value)	43 mA; From the backplane bus
Power	
Power available from the backplane bus	0.65 W
Power loss	
Power loss, typ.	0.6 W
Address area	
Address space per module	
Inputs	8 byte
Interface types	
RS 485	
 Transmission rate, max. 	115.2 kbit/s
Cable length, max.	1 200 m
RS 422	
 Transmission rate, max. 	115.2 kbit/s
Cable length, max.	1 200 m
 4-wire full duplex connection 	Yes
4-wire multipoint connection	No
Protocols	
Integrated protocols	
Freeport	
— Telegram length, max.	4 kbyte
— Bits per character	7 or 8

Parity None, even, odd, always 1, always 0, any 3964 (R) - Bits per character 7 or 8 Number of stop bits 7 or 7 bit Number of stop bits 7 or 7 bit Number of stop bits 7 or 7 bit Address area 1 to 27 bit Address area 1 to 247, extended 1 to 65535 Number of staves, max. 32 MODBUS RTU slave - Address area 1 to 247, extended 1 to 65535 Telegram buffer - Address area 1 to 247, extended 1 to 65535 Telegram buffer - Address area 1 to 247, extended 1 to 65535 Interruptat/diagnostics/status information Yes Buffer memory for telegrams 8 kbyte Number of staves, max. 8 kbyte Buffer memory for telegrams 9 kbyte Buffer memory for telegrams 9 kbyte Buffer memory for telegrams Yes Diagnostic alarm Yes Buffer memory for telegrams Yes Buffer memory for telegrams Yes Backeter RxD Yes Backeter RxD Yes: Yellow LED Farcent TxD Yes: Yellow LED - Farcent RxD	- Number of stop bits	1 or 2 bit
3964 (R) 4 kbyle - Telegram length, max. 4 kbyle - Bils per character 7 or 8 - Number of stop bits 1 or 2 bit - Parity None, even, odd, always 1, always 0, any Modbus RTU master - - Address area 1 to 247, extended 1 to 65535 - Wumber of staves, max. 32 MODBUS RTU silve - - Address area 1 to 247, extended 1 to 65535 Telegram buffer 8 kbyle - Number of steparms which can be buffered 255 Interrupticit@gnostics/status information 255 Diagnostics function Yes Atarmis • • Diagnostics indication LED Yes • RUN LED Yes; green LED • REROR LED Yes; Yes • REROR LED Yes; Yes (Very LED) • Diagnostics indication LED Yes; Yes (Very LED) • Receive RAD Yes; Yes (Very LED) • Receive RAD Yes; Yes (Very LED) • Ambient conditions 0 °C Ambient condition 0 °C • vertical installation, min. 0 °C		
 — Telegram Inaph, max. 4 byle — Bits per character 7 or 8 — Number of stop bits 1 or 2 bit — Parity None, even, odd, always 1, always 0, any Mobus RTU inaxier — Address area 1 b 247, extended 1 to 65535 — Audress area 1 b 247, extended 1 to 65535 — Address area 1 b 247, extended 1 to 65535 — Address area 1 b 247, extended 1 to 65535 — Telegram buffer — Address area 1 b 247, extended 1 to 65535 — Telegram buffer — Address area 1 b 247, extended 1 to 65535 — Telegram buffer — Address area 1 b 247, extended 1 to 65535 — Telegram buffer — Address area 1 b 247, extended 1 to 65535 — Telegram buffer — Address area Diagnostic function Yes Number of telegrams which can be buffered 255 Diagnostic function Yes Number of telegram buffer — Number of telegrams which can be buffered Yes Number of telegram buffer — Diagnostic function Yes Number of telegram buffer Potential separation Yes Yes (rel LED Yes (rel LED Yes (relow LED Yes (Yellow LED Yes		None, even, ouu, aiways 1, aiways 0, any
— Bis per character 7 or 8 — Number of stop bis 1 or 2 bit — Parity None, even, odd, always 1, always 0, any Modbus RTU master 1 to 247, extended 1 to 65535 — Number of staves, max. 32 MODBUS RTU slave 32 — Address area 1 to 247, extended 1 to 65535 — Number of telegrams. 8 kbyte > Buffer memory for telegrams. 8 kbyte > Diagnostic sfuction Yes Alarms D Diagnostic sfunction Yes Alarms D Diagnostic sfunction Yes Alarms Diagnostic sfunction Yes Poscost Yes Poscost Yes Diagnostic sindication LED Yes: rel LED • Wire break Yes Poscost RxD Yes: Yellow LED • RIN LED Yes: rel LED • Robat conditions Ambint conditions Yes Anbint conditions Yes Anbint conditions Source • vertical installation, min. 0 *C • vertical installation, max. 60 *C • vertical installation, max. 60 *C • vertical installation, max. 60 *C		1 khute
Number of stop bits 1 or 2 bit Parity None, even, odd, always 1, always 0, any Modbus RTU master 1 to 247, extended 1 to 65535 Number of slaves, max. 32 MODBUS RTU slave Address area 1 to 247, extended 1 to 65535 Telegram buffer 8 kbyte • Buffer memory for telegrams 8 kbyte • Buffer of telegrams which can be buffered 255 Interrupts/diagnostics/status information Yes Diagnostics function Yes • Diagnostics function Yes • Diagnostics indication LED Yes • Wire-break Yes Diagnostics indication LED Yes; red LED • RUN LED Yes; red LED • REROR LED Yes; red LED • Receive RAD Yes; Yellow LED • Deternial separation Yes between backplane bus and interface Yes Isolation 10 °C isolation 0 °C • ontical installation, min. 0 °C • ontical installation, min. 0 °C • ontical installation, min. 0 °C • ontical installation, max. 60 °C • vertical installation, min. 0 °C • ontical installation, min. 0 °C<		
— Parity None, even, odd, always 1, always 0, any Modbus RTU inaster 1 to 247, extended 1 to 65535 — Number of slaves, max. 32 MOBUS RTU slave		
Modbus RTU master - Address area 1 to 247, extended 1 to 65535 - Number of slaves, max. 32 MODBUS RTU slave 1 to 247, extended 1 to 65535 Telegram buffer 8 kbyte • Buffer memory for telegrams 8 kbyte • Number of slaves max. 32 Interrupts/diagnostics/status information 255 Interrupts/diagnostics/status information Yes Alarms • • Diagnostic slave Yes • Mire-break Yes • RUN LED Yes; green LED • RUN LED Yes; yellow LED • Rocelve RxD Yes; Yellow LED • Rocelve RxD Yes; Yellow LED • Transmit TxD Yes Jabiation tested with 707 V DC (type test) Anbient conditions 0 "C Anbient condition 0 "C • Norizontal installation, min. 0 "C • Norizontal installation, min. 0 "C • Norizontal installation, min. 0 "C • Vertical installation, min. 0 "C • Norizontal installation, min. 0 "C • Norizontal installation, min. <td></td> <td></td>		
- Address area 1 to 247, extended 1 to 65535 - Number of lakves, max. 32 MODEUS RTU slave 32 - Address area 1 to 247, extended 1 to 65535 Telegram buffer 8 kbyte • Buffer memory for telegrams 8 kbyte • Buffer memory for telegrams 8 kbyte • Bufgrostic slatus information 255 Interrupt4/diagnostics/slatus information Ves Alarns 0 biggnostic alarm • Bufgrostic alarm Yes • Hardware interrupt No Diagnostic sindication LED Yes • RUN LED Yes; green LED • RUN LED Yes; red LED • RERNCI LED Yes; red LED • Receive RxD Yes Debetwen backplane bus and interface Yes betwen backplane bus and interface Yes Isolation tested with 707 V DC (type test) Ambient temperature during operation 0°C • vertical installation, min. 0°C • vertical installation, max. 60 °C • vertical installation, max. 60 °C • vertical installation, real, max. 60 °C • vertical installation, max. 60 °C • vertical installation, max. 60 °C • lastalation arelitin		None, even, oud, always 1, always 0, any
Number of slaves, max. 32 MODBUS RTU slave 1 to 247, extended 1 to 65535 Telegram buffer 8 kbyte • Buffer memory for telegrams 8 kbyte • Number of telegrams which can be buffered 255 Interrupts/diagnostice/status information Yes Ølagnostics function Yes • Hardware interrupt No Diagnostics indication LED Yes • KUN LED Yes: green LED • RUN LED Yes: Yes • RUN LED Yes: Yes Wite DED • REROR LED Yes: Yes Wite DED • Review RAD Yes; Yellow LED • Stabilion tested with 707 V DC (type test) Ambient conditions Anbient conditions Anbient condition 0 °C • orizontal installation, min. 0 °C • orizontal installation, min. 0 °C • orizontal installation, min. 0 °C • orizontal installation, max. 40 °C Altitude during operation 5000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation Yes • Installation altitude above sea level, max. 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation Yes • Install		4 to 247, extended 4 to CEE2E
MODBUS RTU slave — Address area 1 to 247, extended 1 to 65535 Telegram buffer 8 kbyte • Buffer memory for telegrams which can be buffered 255 Interruptif-diagnostics/status information Yes Diagnostic alarm Yes • Hardware interrupt No Diagnostic alarm Yes • Wire-break Yes Diagnostic indication LED Yes; green LED • RROR LED Yes; Yellow LED • RROR LED Yes; Yellow LED • Receive RxD Yes; Yellow LED • Transmit TxD Yes Solation Isolation tested with Anbient conditions 0 °C • vertical installation, min. 0 °C • vertical installation, min. 0 °C • vertical installation, max. 60 °C • vertical installation, min. 0 °C • torizontal installation, min. 0 °C • torist		
Address area 1 to 247, extended 1 to 65535 Telegram buffer 8 kbyte • Buffer memory for telegrams 8 kbyte • Number of telegrams which can be buffered 255 Interrupts/diagnostic/sitatus information Yes Olagnostic sitancian Yes • Name Yes Alarms Yes • Nanchesis indication LED Yes • RUN LED Yes; green LED • RUN LED Yes; red LED • REROR LED Yes; Yellow LED • Receive RxD Yes; Yellow LED • Transmit TxD Yes; Yellow LED Potential separation Edition between backplane bus and interface Yes Isolation tested with 707 V DC (type test) Ambient conditions 0 °C • orizontal installation, min. 0 °C • orizontal installation, max. 60 °C • entraliation altitude above sea level, max. 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation Yes • Installation altitude above sea level, max. 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation Yes • Installation altitude above sea level, max. 5 000 m; restrictions for installation		32
Telegram buffer • Buffer memory for telegrams which can be buffered • Number of telegrams which can be buffered 255 Interrupts/diagnostics/status information Diagnostic alarm Yes • Alarms • Diagnostic situation Yes • Alarms Yes • Hardware interrupt No Diagnostics indication LED Yes • Wire-break Yes • RRN LED Yes; red LED • RRN LED Yes; red LED • RRN LED Yes; Yellow LED • Transmit XD Yes; Yellow LED Potential separation Estead with Detwen backplane bus and interface Yes Isolation Isolation Isolation tested with 707 V DC (type test) Ambient conditions Ambient conditions Anbient temperature during operation 0 °C • Ionizontal installation, min. 0 °C		
• Buffer memory for telegrams 8 kbyte • Number of telegrams which can be buffered 255 Interrupts/diagnostics/status information Yes Alarms • Diagnostics function Yes Alarms • No Diagnostic alarm Yes • Alardware interrupt No Diagnostics indication LED Yes • RUN LED Yes; green LED • RROR LED Yes; red LED • Receive RxD Yes; red LED • Receive RxD Yes; Yellow LED • Transmit TxD Yes; Yellow LED Potential separation Debewen backplane bus and interface between backplane bus and interface Yes Isolation 1 • Isolation statalation, min. 0 °C • Installation, min. 0 °C • Vertical installation, max. 60 °C • vertical installation, max. 60 °C • vertical installation, max. 40 °C Altitude during operation Yes • Issallation altitude sove sea level, max. 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation Yes to SIMATIC S7-300 Yes to SIMATIC S7-100 Yes to SIMATIC S7-100 Yes		1 to 247, extended 1 to 65535
Number of telegrams which can be buffered 255 Interrupts/diagnostics/status information Yes Aarms Yes Aarms • Diagnostic alarm • Hardware interrupt No No Diagnostic sindication LED • Vire-break • RUN LED • RUN LED • RUN LED • REROR LED • Receive RxD • Fransmit TxD Yes (Yeilow LED • Fransmit TxD Yes (Yeilow LED • Fransmit TxD Yes (Yeilow LED • Transmit TxD Yes (Yeilow LED • Transmit TxD Yes (Yeilow LED • Torizontal installation, max. • Of "C • Forizontal installation, min. • O"C • forizontal installation, max. • O"C • Vertical installation, max. • O"C • Installation altitude above sea level * Installation altitu		
Interrupts/diagnostics/status information Diagnostic function Yes Alarms • • Diagnostic alarm Yes • Hardware interrupt No Diagnostic status Yes • Wire-break Yes Diagnostic indication LED Yes; green LED • RRN LED Yes; green LED • ERCR ND Yes; Yellow LED • Transmit TxD Yes; Yellow LED Potential separation Esclation Isolation tested with 707 V DC (type test) Ambient conditions Ambient conditions Ambient conditions 0 °C • vertical installation, min. 0 °C • vertical installation, min. 0 °C • vertical installation, min. 0 °C • vertical installation, max. 40 °C Attude during operation relating to sea level • Installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation Yes to SIMATIC S7-300 Yes to SIMATIC S7-400 Yes to standard PROFINET controller Yes		
Diagnostics function Yes Alarms • • Diagnostic alarm Yes • Hardware interrupt No Diagnoses • • Wire-break Yes Diagnostic indication LED Yes; green LED • RUN LED Yes; red LED • Receive RXD Yes; Yellow LED • Transmit TxD Yes; Yellow LED Potential separation • between backplane bus and interface Yes Isolation • Isolation • Isolation tested with 707 V DC (type test) Ambient conditions • Andient installation, min. 0 °C • horizontal installation, max. 60 °C • vertical installation, min. 0 °C • lotid installation, min. 0 °C • lotid installation, min. 0 °C • vertical installation, max. 40 °C Altitude dung operation • • lostalina altitude above sea level • • lostallation altitude above sea level, max. 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation • to SIMATIC S7-300 Yes to standard PROFINET controller Yes to stand	-	255
Alarms Diagnostic alarm Yes No Diagnoses Wire-break Yes Diagnostic aidcation LED RUN LED Yes; red LED RROR LED Yes; red LED Yes; Yellow LED Transmit TxD Yes; Yellow LED Transmit TxD Yes; Yellow LED Transmit TxD Yes; Yellow LED Potential separation between backplane bus and interface Yes Isolation Isolation Isolation tested with 707 V DC (type test) Ambient temperature during operation horizontal installation, max. 60 °C vertical installation, max. 60 °C vertical installation, max. 90 °C Altitude during operation realizing to sea level installation altitude so sea level max. so too m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation to SIMATIC S7-300 Yes to SIMATIC S7-1500 Yes to standard PROFINET controller Yes Dimensions Widh 35 mm Height 147 mm Depth 127 mm Weights Italian Yes <	Interrupts/diagnostics/status information	
• Diagnostic alarm Yes • Hardware interrupt No Diagnoses • • Wire-break Yes Diagnostics indication LED Yes; green LED • RUN LED Yes; red LED • REROR LED Yes; Yellow LED • Ramsmit TxD Yes; Yellow LED Potential separation Esteve RXD between backplane bus and interface Yes Isolation tested with 707 V DC (type test) Ambient conditions Ambient conditions Ambient temperature during operation 0 °C • horizontal installation, min. 0 °C • vertical installation, max. 60 °C • vertical installation, max. 0 °C • Installation attitude above sea level, max. 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation Yes to SIMATIC S7-300 Yes to SIMATIC S7-1500 Yes to standard PROFINET controller Yes Dimensions Yes Width 35 mm Height 147 mm Depth 127 mn	Diagnostics function	Yes
Hardware interrupt No Diagnoses Ves ● Wire-break Yes Diagnostics indication LED Ves; green LED • RUN LED Yes; red LED • Receive RxD Yes; Yellow LED • Transmit TxD Yes; Yellow LED Potential separation Edition between backplane bus and interface Yes Isolation 707 V DC (type test) Ambient conditions 707 V DC (type test) Ambient conditions 60 °C • horizontal installation, min. 0 °C • vertical installation, min. 0 °C • system manual 5000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation Yes to SIMATIC S7-300 Yes to SIMATIC S7-400 Yes to SIMATIC S7-1500 Yes to standard PROFINET controller Yes Dimensions Yes	Alarms	
Diagnoses • Wire-break Yes Diagnostics indication LED Yes; green LED • RUN LED Yes; green LED • ERROR LED Yes; Yellow LED • Receive RxD Yes; Yellow LED • Transmit TxD Yes; Yellow LED Potential separation between backplane bus and interface Yes Isolation Isolation tested with 707 V DC (type test) Ambient conditions Ambient temperature during operation 0 °C • horizontal installation, max. 60 °C • vertical installation, max. 40 °C Altitude during operation 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation Yes to SIMATIC S7-300 Yes to SIMATIC S7-400 Yes to SIMATIC S7-400 Yes to SIMATIC S7-1500 Yes to standard PROFINET controller Yes Dimensions 147 mm Widh 35 mm Height 147 mm Depth 127 mm	 Diagnostic alarm 	Yes
• Wire-break Yes Diagnostics indication LED • • RUN LED Yes; green LED • ERROR LED Yes; Yellow LED • Receive RxD Yes; Yellow LED • Transmit TxD Yes; Yellow LED Potential separation	Hardware interrupt	No
Diagnostics indication LED Yes; green LED • RUN LED Yes; red LED • ERROR LED Yes; red LED • Receive RxD Yes; Yellow LED • Transmit TxD Yes; Yellow LED Potential separation Edited to the set of	Diagnoses	
• RUN LED Yes; green LED • ERROR LED Yes; red LED • Receive RxD Yes; Yellow LED • Transmit TxD Yes; Yellow LED Potential separation	Wire-break	Yes
• ERROR LED Yes; red LED • Receive RxD Yes; Yellow LED • Transmit TxD Yes; Yellow LED Potential separation	Diagnostics indication LED	
Receive RxD Yes; Yellow LED Transmit TxD Yes; Yellow LED Potential separation between backplane bus and interface Yes solation	RUN LED	Yes; green LED
• Transmit TxD Yes; Yellow LED Potential separation Feasure 1 between backplane bus and interface Yes Isolation Isolation tested with Ambient conditions 707 V DC (type test) Ambient temperature during operation • horizontal installation, min. • horizontal installation, max. 60 °C • vertical installation, max. 60 °C • vertical installation, max. 60 °C • vertical installation, max. 40 °C Attitude during operation relating to sea level 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation Yes to SIMATIC S7-300 Yes to SIMATIC S7-1500 Yes to SIMATIC S7-1500 Yes to standard PROFINET controller Yes Dimensions 147 mm Width 35 mm Height 147 mm Depth 127 mm	ERROR LED	Yes; red LED
Potential separation between backplane bus and interface Yes Isolation Isolation tested with 707 V DC (type test) Ambient conditions Ambient temperature during operation horizontal installation, min. 0 °C horizontal installation, max. 40 °C Attitude during operation relating to sea level vertical installation, max.	Receive RxD	Yes; Yellow LED
between backplane bus and interface Yes Isolation Isolation Isolation tested with 707 V DC (type test) Ambient conditions Ambient temperature during operation • horizontal installation, min. 0 °C • horizontal installation, max. 60 °C • vertical installation, max. 60 °C • vertical installation, max. 40 °C Altitude during operation relating to sea level • • Installation altitude above sea level, max. 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation to SIMATIC S7-300 to SIMATIC S7-400 Yes to SIMATIC S7-1500 Yes to standard PROFINET controller Yes to standard PROFINET controller Yes Yes	Transmit TxD	Yes; Yellow LED
Isolation 707 V DC (type test) Ambient conditions 0 °C Ambient temperature during operation 0 °C horizontal installation, min. 0 °C vertical installation, max. 60 °C vertical installation, max. 0 °C vertical installation, max. 0 °C vertical installation, max. 40 °C Altitude during operation relating to sea level Installation altitude above sea level Installation altitude above sea level, max. system manual Decentralized operation to SIMATIC S7-300 Yes to SIMATIC S7-1500 Yes to standard PROFINET controller Yes Dimensions Width 35 mm Height 147 mm Depth 127 mm 	Potential separation	
Isolation Isolation tested with 707 V DC (type test) Ambient conditions Ambient temperature during operation • horizontal installation, min. 0 °C • horizontal installation, max. 60 °C • vertical installation, max. 40 °C Altitude during operation relating to sea level 0 °C • Installation altitude above sea level, max. 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation Yes to SIMATIC S7-300 Yes to SIMATIC S7-1500 Yes to SIMATIC S7-1500 Yes to SIMATIC S7-1500 Yes to SIMATIC S7-1500 Yes Usidard PROFINET controller Yes Dimensions 147 mm Depth 127 mm Weights 127 mm	between backplane bus and interface	Yes
Ambient conditions Ambient temperature during operation horizontal installation, min. 0 °C horizontal installation, max. 60 °C vertical installation, min. 0 °C vertical installation, min. 0 °C vertical installation, max. d0 °C vertical installation attitude above sea level vertical operation relating to sea level vertical installation altitude above sea level, max. vester manual Decentralized operation ves to SIMATIC S7-300 Ves to SIMATIC S7-1500 Ves to standard PROFINET controller Ves to standard PROFINET controller Ves Ves		
Ambient conditions Ambient temperature during operation horizontal installation, min. 0 °C horizontal installation, max. 60 °C vertical installation, min. 0 °C vertical installation, min. 0 °C vertical installation, max. d0 °C vertical installation attitude above sea level vertical operation relating to sea level vertical installation altitude above sea level, max. vester manual Decentralized operation ves to SIMATIC S7-300 Ves to SIMATIC S7-1500 Ves to standard PROFINET controller Ves to standard PROFINET controller Ves Ves	Isolation tested with	707 V DC (type test)
Ambient temperature during operation 0 °C horizontal installation, min. 0 °C vertical installation, max. 60 °C vertical installation, min. 0 °C vertical installation, max. 40 °C Altitude during operation relating to sea level Installation altitude above sea level, max. 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation to SIMATIC S7-300 Yes to SIMATIC S7-1500 Yes to standard PROFINET controller Yes Midth Height Depth 127 mm 		
 horizontal installation, min. horizontal installation, max. vertical installation relating to sea level Installation altitude above sea level, max. source sea level, max. sou		
• horizontal installation, max. 60 °C • vertical installation, min. 0 °C • vertical installation, max. 40 °C Attitude during operation relating to sea level 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation Yes to SIMATIC S7-300 Yes to SIMATIC S7-400 Yes to SIMATIC S7-1500 Yes to standard PROFINET controller Yes Dimensions 35 mm Height 147 mm Depth 127 mm Weights 127 mm		0 °C
 vertical installation, min. vertical installation, max. 40 °C Altitude during operation relating to sea level Installation altitude above sea level, max. 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation to SIMATIC S7-300 Yes to SIMATIC S7-400 Yes to SIMATIC S7-1500 Yes to standard PROFINET controller Yes Dimensions Width 35 mm Height 147 mm Depth 127 mm Weights 		
• vertical installation, max. 40 °C Altitude during operation relating to sea level 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual • Installation altitude above sea level, max. 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual • Decentralized operation ves to SIMATIC S7-300 Yes to SIMATIC S7-400 Yes to SIMATIC S7-1500 Yes to standard PROFINET controller Yes Dimensions 35 mm Width 35 mm Height 147 mm Depth 127 mm Weights 127 mm		
Altitude during operation relating to sea level • • Installation altitude above sea level, max. 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation to SIMATIC S7-300 to SIMATIC S7-300 Yes to SIMATIC S7-400 Yes to SIMATIC S7-1500 Yes to standard PROFINET controller Yes Dimensions 35 mm Width 35 mm Height 147 mm Depth 127 mm		
• Installation altitude above sea level, max. 5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200MP system manual Decentralized operation		40 C
system manualDecentralized operationto SIMATIC S7-300Yesto SIMATIC S7-400Yesto SIMATIC S7-1500Yesto standard PROFINET controllerYesDimensionsWidth35 mmHeight147 mmDepth127 mmWeights		5 000 mi rostrictions for installation altitudes > 2 000 m. aco ET 200MD
Decentralized operationto SIMATIC S7-300Yesto SIMATIC S7-400Yesto SIMATIC S7-1500Yesto standard PROFINET controllerYesDimensionsWidth35 mmHeight147 mmDepth127 mmWeights	• Installation altitude above sea level, max.	
to SIMATIC S7-300Yesto SIMATIC S7-400Yesto SIMATIC S7-1500Yesto standard PROFINET controllerYesDimensionsWidth35 mmHeight147 mmDepth127 mmWeights	Decentralized operation	
to SIMATIC S7-400Yesto SIMATIC S7-1500Yesto standard PROFINET controllerYesDimensionsWidth35 mmHeight147 mmDepth127 mmWeights		Vec
to SIMATIC S7-1500Yesto standard PROFINET controllerYesDimensionsWidth35 mmHeight147 mmDepth127 mmWeights		
to standard PROFINET controller Yes Dimensions 35 mm Width 35 mm Height 147 mm Depth 127 mm Weights 127 mm		
Dimensions Width 35 mm Height 147 mm Depth 127 mm Weights 127 mm		
Width 35 mm Height 147 mm Depth 127 mm Weights 127 mm		102
Height 147 mm Depth 127 mm Weights 127 mm		
Depth 127 mm Weights		
Weights		
	-	127 mm
Weight approx		
	Weight, approx.	0.22 kg
last modified: 11/3/2021 C	last modified:	11/2/2021
	ומשנ וווטעווופע.	