

**Data sheet** SM 321 (321-1BH01)

## Technical data

Type SM 321  General information  Note - Features 16 inputs  SPEED-Bus - Current consumption/power loss  Current consumption from backplane bus 25 mA Power loss 3.5 W  Technical data digital inputs  Number of inputs 16  Cable length, shielded 1000 m  Cable length, shielded 600 m  Rated load voltage - Current consumption from load voltage L+ (without load) - Rated load voltage of signal 10° DC 0.5 V Input voltage for signal 10° DC 0.5 V Input voltage for signal 11° DC 15.28 8 V Input voltage for signal 11° To Tamput voltage to for signal 11° To Tamput voltage for signal 11° To Tamput vol	Order no.	321-1BH01
Note	Туре	SM 321
Note	Ganaral information	
Features 16 inputs  SPEED-Bus -  Current consumption/power loss  Current consumption from backplane bus 25 mA Power loss 3.5 W  Technical data digital inputs  Number of inputs 16 Cable length, shielded 1000 m Cable length, shielded 600 m Rated load voltage - Current consumption from load voltage L+ (without load) - Rated load voltage or signal "0" DC 05 V Input voltage for signal "1" DC 1528.8 V Input voltage for signal "1" DC 1528.8 V Input voltage for signal "1" DC 1528.8 V Input voltage for signal "1" Try Try DC 1528.8 V Input voltage for signal "1" Try Try DC 1528.8 V Input voltage for signal "1" Try		
Current consumption/power loss  Current consumption from backplane bus 25 mA  Power loss 3.5 W  Technical data digital inputs  Number of inputs 16 Cable length, shielded 1000 m  Cable length, shielded 600 m  Rated load voltage  Current consumption from load voltage L+ (without load) -  Rated value DC 20.428.8 V  Input voltage for signal "1" DC 05 V  Input voltage for signal "1" DC 1528.8 V  Input voltage hysteresis -  Frequency range -  Input current for signal *1" 7 mA  Connection of Two-Wire-BEROs possible   Max. permissible BERO quiescent current 1.5 mA  Input delay of "0" to "1" to "0" 3 ms  Input delay of "0" to "1" to "0" 3 ms  Number of simultaneously utilizable inputs horizontal configuration 16  Input characteristic curve Initial data size 2 byte  Status display green LED per channel Interrupts no Diagnostic interrupt no Diagnostic functions no no Diagnostic functions Inone Supply voltage display none		
Current consumption/power loss Current consumption from backplane bus 25 mA Power loss 3.5 W  Technical data digital inputs  Number of inputs 16 Cable length, shielded 1000 m Cable length, unshielded 600 m Rated load voltage Current consumption from load voltage L+ (without load) Rated value DC 20.428.8 V Input voltage for signal "0" DC 05 V Input voltage for signal "1" DC 1528.8 V Input voltage for signal "1" DC 1528.8 V Input voltage for signal "1" T T MA Connection of Two-Wire-BEROS possible  Max. permissible BERO quiescent current 1.5 mA Input delay of "0" to "1" 3 ms Input delay of "0" to "1" 3 ms Number of simultaneously utilizable inputs horizontal configuration 16 Input characteristic curve IEC 61131-2, type 1 Initial data size 2 Byte  Status display green LED per channel Interrupts no Diagnostics information read-out none Supply voltage display none		16 Inputs
Current consumption from backplane bus 25 mA  Power loss 3.5 W  Technical data digital inputs  Number of inputs 16 Cable length, shielded 1000 m  Cable length, shielded 600 m  Rated load voltage Current consumption from load voltage L+ (without load) -  Rated value DC 20.428.8 V  Input voltage for signal "0" DC 05 V  Input voltage for signal "1" DC 1528.8 V  Input voltage for signal "1" DC 1528.8 V  Input voltage hysteresis Frequency range Input current for signal "1" 7 mA  Connection of Two-Wire-BEROs possible   Max. permissible BERO quiescent current 1.5 mA  Input delay of "0" to "1" 3 ms  Input delay of "0" to "1" 3 ms  Number of simultaneously utilizable inputs horizontal configuration 16  Input characteristic curve IEC 61131-2, type 1  Initial data size 2 Byte  Status display green LED per channel Interrupts no Diagnostic interrupt no Diagnostic interrupt no no Diagnostic interrupt no no Diagnostics information read-out none  Supply voltage display none	SPEED-BUS	<u>-</u>
Power loss 3.5 W  Technical data digital inputs  Number of inputs 16 Cable length, shielded 1000 m  Cable length, unshielded 600 m  Rated load voltage Current consumption from load voltage L+ (without load) Rated value DC 20.428.8 V Input voltage for signal "0" DC 05 V Input voltage for signal "1" DC 1528.8 V Input voltage for signal "1" DC 1528.8 V Input voltage for signal "1" TA	Current consumption/power loss	
Technical data digital inputs  Number of inputs  16  Cable length, shielded  1000 m  Cable length, unshielded  600 m  Rated load voitage  - Current consumption from load voitage L+ (without load) - Rated value  DC 20.428.8 V  Input voitage for signal "0"  DC 05 V  Input voitage for signal "1"  DC 1528.8 V  Input voitage for signal "1"  To C. 1528.8 V  Input voitage for signal "1"  To C. 1528.8 V  Input voitage for signal "1"  To C. 1528.8 V  Input voitage for signal "1"  To C. 1528.8 V  Input voitage for signal "1"  To C. 1528.8 V  Input voitage for signal "1"  To C. 1528.8 V  Input voitage for signal "1"  To C. 1528.8 V  Input voitage for signal "1"  To C. 1528.8 V  Input voitage for signal "1"  To C. 1528.8 V  Input delay of "1" to "signal "1"  To Connection of Two-Wire-BEROs possible  Ax. permissible BERO quiescent current  I.5 mA  Input delay of "0" to "1"  To "0"  To "1.5 mA  Input delay of "0" to "1"  To "0"  To "1.5 mA  Input delay of "0" to "1"  To "0"  To "1.5 mA  Input delay of "0" to "1"  To "0"  To "1.5 mA  Input delay of "1" to "0"  To "1.5 mA  Input delay of "1" to "0"  To "228 V  To "428.8 V  Input delay of "1" to "0"  To "428.8 V  Input delay of "1" to "0"  To "528.8 V  Input delay of "1" to "0"  To "628.8 V  Input delay of "1" to "0"  To "628.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1" to "0"  To "828.8 V  Input delay of "1"	Current consumption from backplane bus	25 mA
Number of inputs 16 Cable length, shielded 1000 m Cable length, unshielded 600 m Rated load voltage - Current consumption from load voltage L+ (without load) - Rated value DC 20.428.8 V Input voltage for signal "0" DC 05 V Input voltage for signal "1" DC 1528.8 V Input voltage for signal "1" TM	Power loss	3.5 W
Cable length, shielded 1000 m  Cable length, unshielded 600 m  Rated load voltage -  Current consumption from load voltage L+ (without load) -  Rated value DC 20.428.8 V  Input voltage for signal "0" DC 05 V  Input voltage for signal "1" DC 1528.8 V  Input voltage for signal "1" DC 1528.8 V  Input voltage hysteresis -  Frequency range -  Input current for signal "4" 7 mA  Connection of Two-Wire-BEROs possible   Max. permissible BERO quiescent current 1.5 mA  Input delay of "0" to "1" 3 ms  Input delay of "0" to "1" 3 ms  Number of simultaneously utilizable inputs horizontal configuration  Number of simultaneously utilizable inputs vertical configuration  Input characteristic curve IEC 61131-2, type 1  Initial data size 2 Byte  Status display green LED per channel  Interrupts no  Diagnostic functions no  Diagnostic functions  Diagnostics information read-out none  Supply voltage display no	Technical data digital inputs	
Cable length, unshielded 600 m  Rated load voltage - Current consumption from load voltage L+ (without load) - Rated value DC 20.428.8 V Input voltage for signal "0" DC 05 V Input voltage for signal "1" DC 1528.8 V Input voltage for signal "1" DC 1528.8 V Input voltage hysteresis - Frequency range - Input rerisitance - Input current for signal "1" 7 mA  Connection of Two-Wire-BEROs possible   Max. permissible BERO quiescent current 1.5 mA Input delay of "0" to "1" 3 ms Input delay of "1" to "0" 3 ms  Number of simultaneously utilizable inputs horizontal configuration 16 Input characteristic curve IEC 61131-2, type 1 Initial data size 2 Byte  Status information, alarms, diagnostics  Status display green LED per channel Interrupts no Diagnostic interrupt no Diagnostic interrupt no Diagnostics information read-out none Supply voltage display none	Number of inputs	16
Rated load voltage - Current consumption from load voltage L+ (without load) - Rated value DC 20.428.8 V Input voltage for signal "0" DC 05 V Input voltage for signal "1" DC 1528.8 V Input voltage for signal "1" DC 1528.8 V Input voltage physteresis - Frequency range - Input resistance Input resistance - Input resistance Input current for signal "1" 7 mA Connection of Two-Wire-BEROs possible	Cable length, shielded	1000 m
Current consumption from load voltage L+ (without load)  Rated value  DC 20.428.8 V  Input voltage for signal "0"  DC 1528.8 V  Input voltage for signal "1"  DC 1528.8 V  Input voltage hysteresis  - Frequency range - Input current for signal "1"  7 mA  Connection of Two-Wire-BEROs possible  Max. permissible BERO quiescent current 1.5 mA  Input delay of "0" to "1" 3 ms  Input delay of "1" to "0" 3 ms  Number of simultaneously utilizable inputs horizontal configuration  Input characteristic curve Input characteristic curve IEC 61131-2, type 1  Initial data size  2 Byte  Status information, alarms, diagnostics  Status display  green LED per channel Interrupts  no  Process alarm  no  Diagnostic interrupt  no  Diagnostics information read-out  none  Supply voltage display  none	Cable length, unshielded	600 m
Rated value DC 20.428.8 V Input voltage for signal "0" DC 05 V Input voltage for signal "1" DC 1528.8 V Input voltage hysteresis - Frequency range - Input resistance - Input current for signal "1" 7 mA Connection of Two-Wire-BEROs possible   Max. permissible BERO quiescent current 1.5 mA Input delay of "0" to "1" 3 ms Input delay of "1" to "0" 3 ms Number of simultaneously utilizable inputs horizontal configuration Input characteristic curve IEC 61131-2, type 1 Initial data size 2 Byte  Status information, alarms, diagnostics Status display green LED per channel Interrupts no Diagnostic interrupt no Diagnostics information read-out none Supply voltage display none	Rated load voltage	
Input voltage for signal "0" DC 05 V Input voltage for signal "1" DC 1528.8 V Input voltage hysteresis - Frequency range - Input resistance - Input current for signal "1" 7 mA Connection of Two-Wire-BEROs possible   Max. permissible BERO quiescent current 1.5 mA Input delay of "0" to "1" 3 ms Input delay of "1" to "0" 3 ms Input delay of "1" to "0" 3 ms Number of simultaneously utilizable inputs horizontal configuration 16 Input characteristic curve IEC 61131-2, type 1 Initial data size 2 Byte  Status information, alarms, diagnostics Status display green LED per channel Interrupts no Diagnostic interrupt no Diagnostic interrupt no Diagnostic information read-out none Supply voltage display none	Current consumption from load voltage L+ (without load)	
Input voltage for signal "1" DC 1528.8 V Input voltage hysteresis - Frequency range - Input resistance - Input current for signal "1" 7 mA Connection of Two-Wire-BEROs possible  Max. permissible BERO quiescent current 1.5 mA Input delay of "0" to "1" 3 ms Input delay of "1" to "0" 3 ms Number of simultaneously utilizable inputs horizontal configuration Number of simultaneously utilizable inputs vertical configuration Input characteristic curve IEC 61131-2, type 1 Initial data size 2 Byte  Status information, alarms, diagnostics Status display green LED per channel Interrupts no Diagnostic interrupt no Diagnostic interrupt no Diagnostic information read-out none Supply voltage display none	Rated value	DC 20.428.8 V
Input voltage hysteresis  Frequency range  Input resistance  Input current for signal "1"  7 mA  Connection of Two-Wire-BEROs possible  Max. permissible BERO quiescent current  1.5 mA  Input delay of "0" to "1"  3 ms  Input delay of "1" to "0"  3 ms  Number of simultaneously utilizable inputs horizontal configuration  Number of simultaneously utilizable inputs vertical configuration  Input characteristic curve  IEC 61131-2, type 1  Initial data size  2 Byte  Status information, alarms, diagnostics  Status display  green LED per channel  Interrupts  no  Process alarm  no  Diagnostic interrupt  no  Diagnostic functions  no  Diagnostics information read-out  none  Supply voltage display  none	Input voltage for signal "0"	DC 05 V
Frequency range Input resistance Input current for signal "1" 7 mA  Connection of Two-Wire-BEROs possible  Max. permissible BERO quiescent current 1.5 mA Input delay of "0" to "1" 3 ms Input delay of "1" to "0" 3 ms Number of simultaneously utilizable inputs horizontal configuration Number of simultaneously utilizable inputs vertical configuration Input characteristic curve IEC 61131-2, type 1 Initial data size 2 Byte  Status information, alarms, diagnostics Status display green LED per channel Interrupts no Process alarm no Diagnostic interrupt no Diagnostic functions no Diagnostics information read-out Supply voltage display none	Input voltage for signal "1"	DC 1528.8 V
Input resistance - Input current for signal "1" 7 mA  Connection of Two-Wire-BEROs possible   Max. permissible BERO quiescent current 1.5 mA  Input delay of "0" to "1" 3 ms  Input delay of "1" to "0" 3 ms  Number of simultaneously utilizable inputs horizontal configuration 16  Input characteristic curve IEC 61131-2, type 1  Initial data size 2 Byte  Status information, alarms, diagnostics  Status display green LED per channel Interrupts no  Process alarm no  Diagnostic interrupt no  Diagnostic functions no  Diagnostics information read-out none  Supply voltage display none	Input voltage hysteresis	•
Input current for signal "1" 7 mA  Connection of Two-Wire-BEROs possible  Max. permissible BERO quiescent current 1.5 mA  Input delay of "0" to "1" 3 ms  Input delay of "1" to "0" 3 ms  Number of simultaneously utilizable inputs horizontal configuration  Number of simultaneously utilizable inputs vertical configuration 16  Input characteristic curve IEC 61131-2, type 1  Initial data size 2 Byte  Status information, alarms, diagnostics  Status display green LED per channel  Interrupts no  Process alarm no  Diagnostic interrupt no  Diagnostic functions no  Diagnostics information read-out none  Supply voltage display none	Frequency range	
Connection of Two-Wire-BEROs possible ✓   Max. permissible BERO quiescent current 1.5 mA   Input delay of "0" to "1" 3 ms   Input delay of "1" to "0" 3 ms   Number of simultaneously utilizable inputs horizontal configuration 16   Number of simultaneously utilizable inputs vertical configuration 16   Input characteristic curve IEC 61131-2, type 1   Initial data size 2 Byte    Status information, alarms, diagnostics  Status display  green LED per channel  Interrupts  no  Process alarm  no  Diagnostic interrupt  no  Diagnostic functions  no  Diagnostics information read-out  none  Supply voltage display  none	Input resistance	•
Max. permissible BERO quiescent current  1.5 mA  Input delay of "0" to "1"  3 ms  Input delay of "1" to "0"  3 ms  Number of simultaneously utilizable inputs horizontal configuration  Number of simultaneously utilizable inputs vertical configuration  16  Input characteristic curve  IEC 61131-2, type 1  Initial data size  2 Byte  Status information, alarms, diagnostics  Status display  green LED per channel  Interrupts  no  Process alarm  no  Diagnostic interrupt  no  Diagnostic functions  no  Diagnostics information read-out  Supply voltage display  none	Input current for signal "1"	7 mA
Input delay of "0" to "1" 3 ms Input delay of "1" to "0" 3 ms  Number of simultaneously utilizable inputs horizontal configuration  Number of simultaneously utilizable inputs vertical configuration 16  Input characteristic curve IEC 61131-2, type 1  Initial data size 2 Byte  Status information, alarms, diagnostics  Status display green LED per channel  Interrupts no  Process alarm no  Diagnostic interrupt no  Diagnostic functions no  Diagnostics information read-out none  Supply voltage display none	Connection of Two-Wire-BEROs possible	✓
Input delay of "1" to "0" 3 ms  Number of simultaneously utilizable inputs horizontal configuration  Number of simultaneously utilizable inputs vertical configuration 16  Input characteristic curve IEC 61131-2, type 1  Initial data size 2 Byte  Status information, alarms, diagnostics  Status display green LED per channel  Interrupts no  Process alarm no  Diagnostic interrupt no  Diagnostic functions no  Diagnostics information read-out none  Supply voltage display none	Max. permissible BERO quiescent current	1.5 mA
Number of simultaneously utilizable inputs horizontal configuration  Number of simultaneously utilizable inputs vertical configuration  Input characteristic curve  IEC 61131-2, type 1  Initial data size  2 Byte  Status information, alarms, diagnostics  Status display  green LED per channel  Interrupts  no  Process alarm  no  Diagnostic interrupt  no  Diagnostic functions  no  Diagnostics information read-out  Supply voltage display  none	Input delay of "0" to "1"	3 ms
Number of simultaneously utilizable inputs vertical configuration  Input characteristic curve  IEC 61131-2, type 1  Initial data size  2 Byte  Status information, alarms, diagnostics  Status display  green LED per channel  Interrupts  no  Process alarm  no  Diagnostic interrupt  no  Diagnostic functions  no  Diagnostics information read-out  Supply voltage display  none	Input delay of "1" to "0"	3 ms
Input characteristic curve IEC 61131-2, type 1 Initial data size 2 Byte  Status information, alarms, diagnostics  Status display green LED per channel Interrupts no Process alarm no Diagnostic interrupt no Diagnostic functions no Diagnostics information read-out none Supply voltage display none	Number of simultaneously utilizable inputs horizontal configuration	16
Initial data size 2 Byte  Status information, alarms, diagnostics  Status display green LED per channel Interrupts no Process alarm no Diagnostic interrupt no Diagnostic functions no Diagnostics information read-out none Supply voltage display none	Number of simultaneously utilizable inputs vertical configuration	16
Status information, alarms, diagnostics  Status display green LED per channel Interrupts no  Process alarm no  Diagnostic interrupt no  Diagnostic functions no  Diagnostics information read-out none  Supply voltage display none	Input characteristic curve	IEC 61131-2, type 1
Status display green LED per channel Interrupts no Process alarm no Diagnostic interrupt no Diagnostic functions no Diagnostics information read-out none Supply voltage display none	Initial data size	2 Byte
Interrupts no Process alarm no Diagnostic interrupt no Diagnostic functions no Diagnostics information read-out none Supply voltage display none	Status information, alarms, diagnostics	
Process alarm no Diagnostic interrupt no Diagnostic functions no Diagnostics information read-out none Supply voltage display none	Status display	green LED per channel
Diagnostic interrupt no  Diagnostic functions no  Diagnostics information read-out none  Supply voltage display none	Interrupts	no
Diagnostic functions     no       Diagnostics information read-out     none       Supply voltage display     none	Process alarm	no
Diagnostics information read-out none Supply voltage display none	Diagnostic interrupt	no
Supply voltage display none	Diagnostic functions	no
	Diagnostics information read-out	none
	Supply voltage display	none
		none



Between channels - Between channels of groups to 16 Between channels and backplane bus   Insulation tested with DC 500 V  Datasizes Input bytes 2 Output bytes 0 Parameter bytes 0 Diagnostic bytes 0  Housing  Material PPE Mounting Rail System 300  Mechanical data  Dimensions (WxHxD) 40 mm x 125 mm x 120 mm Weight 220 g  Environmental conditions  Operating temperature 0 °C to 60 °C Storage temperature -25 °C to 70 °C  Certifications  UL508 certification yes	Channel error display	none	A YASKAWA COMPANY		
Between channels of groups to  Between channels and backplane bus  Insulation tested with  DC 500 V   Datasizes  Input bytes  Qutput bytes  Quiput bytes  Qu	Isolation				
Between channels and backplane bus  Insulation tested with  DC 500 V  Datasizes  Input bytes  2  Output bytes  0  Parameter bytes  0  Diagnostic bytes  0  Housing  Material  PPE  Mounting  Rail System 300  Mechanical data  Dimensions (WxHxD)  40 mm x 125 mm x 120 mm  Weight  220 g  Environmental conditions  Operating temperature  0 °C to 60 °C  Storage temperature  -25 °C to 70 °C  Certifications	Between channels	-			
Insulation tested with DC 500 V  Datasizes  Input bytes 2 Output bytes 0 Parameter bytes 0 Diagnostic bytes 0  Housing  Material PPE Mounting Rail System 300  Mechanical data Dimensions (WxHxD) 40 mm x 125 mm x 120 mm  Weight 220 g  Environmental conditions Operating temperature 0 °C to 60 °C Storage temperature -25 °C to 70 °C  Certifications	Between channels of groups to	16			
Datasizes           Input bytes         2           Output bytes         0           Parameter bytes         0           Diagnostic bytes         0           Housing         PPE           Mounting         Rail System 300           Mechanical data         Dimensions (WxHxD)         40 mm x 125 mm x 120 mm           Weight         220 g           Environmental conditions         Operating temperature         0 °C to 60 °C           Storage temperature         -25 °C to 70 °C           Certifications         Oethications	Between channels and backplane bus	✓			
Input bytes         2           Output bytes         0           Parameter bytes         0           Diagnostic bytes         0           Housing         PPE           Mounting         Rail System 300           Mechanical data         Dimensions (WxHxD)           Weight         220 g           Environmental conditions         Operating temperature           Operating temperature         0 °C to 60 °C           Storage temperature         -25 °C to 70 °C	Insulation tested with	DC 500 V			
Output bytes         0           Parameter bytes         0           Diagnostic bytes         0           Housing         PPE           Mounting         Rail System 300           Mechanical data         Dimensions (WxHxD)         40 mm x 125 mm x 120 mm           Weight         220 g           Environmental conditions         O °C to 60 °C           Storage temperature         -25 °C to 70 °C           Certifications         Certifications	Datasizes				
Parameter bytes  Diagnostic bytes  O  Housing  Material PPE  Mounting Rail System 300  Mechanical data  Dimensions (WxHxD) 40 mm x 125 mm x 120 mm  Weight 220 g  Environmental conditions  Operating temperature 0 °C to 60 °C  Storage temperature -25 °C to 70 °C  Certifications	Input bytes	2	2		
Diagnostic bytes  Housing  Material PPE  Mounting Rail System 300  Mechanical data  Dimensions (WxHxD) 40 mm x 125 mm x 120 mm  Weight 220 g  Environmental conditions  Operating temperature 0 °C to 60 °C  Storage temperature -25 °C to 70 °C  Certifications	Output bytes	0	0		
Housing  Material PPE  Mounting Rail System 300  Mechanical data  Dimensions (WxHxD) 40 mm x 125 mm x 120 mm  Weight 220 g  Environmental conditions  Operating temperature 0 °C to 60 °C  Storage temperature -25 °C to 70 °C  Certifications	Parameter bytes	0	0		
Material PPE  Mounting Rail System 300  Mechanical data  Dimensions (WxHxD) 40 mm x 125 mm x 120 mm  Weight 220 g  Environmental conditions  Operating temperature 0 °C to 60 °C  Storage temperature -25 °C to 70 °C  Certifications	Diagnostic bytes	0			
Mounting Rail System 300  Mechanical data  Dimensions (WxHxD) 40 mm x 125 mm x 120 mm  Weight 220 g  Environmental conditions  Operating temperature 0 °C to 60 °C  Storage temperature -25 °C to 70 °C  Certifications	Housing				
Mechanical data  Dimensions (WxHxD) 40 mm x 125 mm x 120 mm  Weight 220 g  Environmental conditions  Operating temperature 0 °C to 60 °C  Storage temperature -25 °C to 70 °C  Certifications	Material	PPE			
Dimensions (WxHxD)  40 mm x 125 mm x 120 mm  220 g  Environmental conditions  Operating temperature  0 °C to 60 °C  Storage temperature  -25 °C to 70 °C  Certifications	Mounting	Rail System 300			
Weight 220 g  Environmental conditions  Operating temperature 0 °C to 60 °C  Storage temperature -25 °C to 70 °C  Certifications	Mechanical data				
Environmental conditions  Operating temperature 0 °C to 60 °C  Storage temperature -25 °C to 70 °C  Certifications	Dimensions (WxHxD)	40 mm x 125 mm x 120 mm			
Operating temperature 0 °C to 60 °C  Storage temperature -25 °C to 70 °C  Certifications	Weight	220 g	220 g		
Storage temperature -25 °C to 70 °C  Certifications	Environmental conditions				
Certifications	Operating temperature	0 °C to 60 °C	0 °C to 60 °C		
	Storage temperature	-25 °C to 70 °C	-25 °C to 70 °C		
UL508 certification yes	Certifications				
	UL508 certification	yes	yes		