

## Data sheet

EM 123 (123-4EH01)

## Technical data

Order no.	123-4EH01
Туре	EM 123
General information	
Note	-
Features	8x DI 8x DO DC 24 V 0,5 A Isolated
Current consumption/power loss	
Current consumption from backplane bus	60 mA
Power loss	3 W
Technical data digital inputs	
Number of inputs	8
Cable length, shielded	1000 m
Cable length, unshielded	600 m
Rated load voltage	
Current consumption from load voltage L+ (without load)	
Rated value	DC 24 V
Input voltage for signal "0"	DC 05 V
Input voltage for signal "1"	DC 1528.8 V
Input voltage hysteresis	-
Signal logic input	Sinking input
Frequency range	-
Input resistance	-
Input current for signal "1"	7 mA
Connection of Two-Wire-BEROs possible	yes
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	8
Number of simultaneously utilizable inputs vertical configuration	8
Input characteristic curve	IEC 61131-2, type 1
Initial data size	1 Byte
Technical data digital outputs	
Number of outputs	8
Cable length, shielded	1000 m
Cable length, unshielded	600 m
Rated load voltage	DC 24 V
Reverse polarity protection of rated load voltage	-
Current consumption from load voltage L+ (without load)	20 mA

## YASKAWA VIPA CONTROLS

Signal logic output         Sourcing output           Output sellay of "0" to "1"         max. 350 µs           Minimum load current         -           Lamp load         5 W           Parallel switching of outputs for redundant control of a load         not possible           Parallel switching of outputs for increased power         not possible           Actuation of digital input         yes           Switching frequency with inductive load         max. 1000 Hz           Switching frequency with inductive load         max. 0.5 Hz           Switching frequency on lamp load         max. 10 Hz           Internal ill smittation of inductive shut-off voltage         L+ (-62 V)           Short-circuit protection of output         yes, electronic           Trigger level         1 A           Number of operating cycle of relay outputs         -           Status display         green LED per channel           Interrupts         no           Output data size         1 Byle           Status display         green LED per channel           Interrupts         no           Diagnosis information read-out         none           Supply voltage display         none           Channel error display         none           Chapus error display	Output current at signal "1", rated value	0.5 A
Output delay of "1" to "0"         max. 100 µs           Output delay of "1" to "0"         max. 350 µs           Minimum load current         -           Lamp load         5 W           Parallel switching of outputs for redundant control of a load         not possible           Parallel switching of outputs for increased power         not possible           Actualison of digital input         ys           Switching frequency with resistive load         max. 1000 Hz           Switching frequency with indictive load         max. 10 Hz           Switching frequency on lamp load         max. 10 Hz           Internal limitation of inductive shut-off voltage         L+ (*22 V)           Short-circuit protection of output         yes, electronic           Trigger low!         1 A           Number of operating cycle of relay outputs         -           Switching capacity of contacts         -           Switching capacity of contacts         1 Byte           Status information, alarms, diagnostics         1 Byte           Status information, alarms, diagnostics         1 Byte           Status information read-out         no           Diagnostic functions         no           Diagnostic functions         no           Diagnostic functions         none		Sourcing output
Minimum load ourrent         -           Lamp load         5 W           Parallel switching of outputs for redundant control of a load         not possible           Parallel switching of outputs for increased power         not possible           Actuation of digital input         yes           Switching frequency with resistive load         max. 100 Hz           Switching frequency with inductive load         max. 0.5 Hz           Switching frequency on lamp load         max. 0.1 Hz           Internal limitation of inductive shut-off voltage         L+ (52 V)           Short-circuit protection of output         yes, electronic           Triagger level         1 A           Number of operating cycle of relay outputs         -           Switching capacity of contacts         -           Output data size         1 Byte           Status display         green LED per channel           Interrupts         no           Process alarm         no           Diagnostic interrupt         no           Diagnostic interrupt         no           Diagnostic interrupt         none           Diagnostic interrupt         none           Supply voltage display         none           Group error display         none	Output delay of "0" to "1"	max. 100 μs
Lamp-load         5 W           Parallel switching of outputs for redundant control of a load         not possible           Parallel switching of outputs for increased power         not possible           Actuation of digital input         yes           Switching frequency with resistive load         max. 1000 Hz           Switching frequency with resistive load         max. 0.5 Hz           Switching frequency with inductive load         max. 0.5 Hz           Switching frequency with inductive load         max. 10 Hz           Internal limitation of inductive shut-off voltage         L+ (52 V)           Short-circuit protection of output         yes, electronic           Trigger level         1 A           Number of operating cycle of relay outputs         -           Switching capacity of contacts         -           Output data size         1 Byte           Status display         groon LED per channel           Interrupts         no           Process alarm         no           Diagnostic interrupt         no           Diagnostic interrupt         no           Diagnostic information read-out         none           Supply voltage display         none           Group error display         none           Between channels	Output delay of "1" to "0"	max. 350 μs
Parallel switching of outputs for redundant control of a load         not possible           Parallel switching of outputs for increased power         not possible           Actuation of digital input         yes           Switching frequency with resistive load         max. 100 Hz           Switching frequency with inductive load         max. 10 Hz           Internal limitation of inductive shut-off voltage         L+ (-52 V)           Short-circuit protection of output         yes, electronic           Trigger level         1 A           Number of operating cycle of relay outputs         -           Switching capacity of contacts         -           Output data size         1 Byte           Status information, alarms, diagnostics         status information, alarms, diagnostics           Status display         groen LED per channel           Interrupts         no           Diagnostic interrupt         no           Diagnostic interrupt         no           Diagnostic functions         no           Supply voltage display         none           Group error display         none           Channel error display         none           Between channels of groups to         8           Between channels of groups to         8           Betwee	Minimum load current	
Parallel switching of outputs for increased power         not possible           Actuation of digital input         yes           Switching frequency with resistive load         max. 1000 Hz           Switching frequency on lamp load         max. 0.5 Hz           Switching frequency on lamp load         max. 10 Hz           Internal limitation of inductive shut-off voltage         L+ (52 V)           Short-circuit protection of output         yes, electronic           Trigger level         1 A           Number of operating cycle of relay outputs         -           Switching capacity of contacts         -           Output data size         1 Byte           Status information, alarms, diagnostics         Image: status information, alarms, diagnostics           Status display         green LED per channel           Interrupts         no           Process alarm         no           Diagnostic functions         no           Diagnostic functions         no           Diagnostic functions         no           Diagnostic functions         none           Channel error display         none           Channel error display         none           Between channels of groups to         8           Between channels and backplane bus <th< td=""><td>Lamp load</td><td>5 W</td></th<>	Lamp load	5 W
Actuation of digital input yes  Switching frequency with inductive load max. 1000 Hz  Switching frequency with inductive load max. 0.5 Hz  Switching frequency on lamp load max. 10 Hz  Internal limitation of inductive subt-off voltage L+ (-52 V)  Short-circuit protection of output yes, electronic  Triggar level 1 A  Number of operating cycle of relay outputs -  Switching capacity of contacts -  Output data size 1 Byte  Status information, alarms, diagnostics  Status display green LED per channel  Interrupts no -  Process alarm no -  Diagnostic interrupt no -  Diagnostic functions no -  Diagnostic functions no -  Suppty voltage display none  Group error display none  Channel error display none  Between channels of groups to 8  Between channels of groups to 8  Between channels and backplane bus yes  Insulation tested with DC 500 V   Datasizes  Input bytes 2  Output bytes 2  Output bytes 0  Diagnostic bytes 0  Housing  Meterial PPE / PA 6.6  Mounting PPE / PA 6.6  Mounting accessories -  Gross weight  Weight including accessories -  Gross weight  Weight including accessories -  Gross weight  Weight including accessories  Gross weight  Max 76 mm x 48 mm	Parallel switching of outputs for redundant control of a load	not possible
Switching frequency with resistive load         max. 1000 Hz           Switching frequency with inductive load         max. 0.5 Hz           Switching frequency on lamp load         max. 10 Hz           Internal limitation of inductive sub-off voltage         L+ (52 V)           Short-circuit protection of output         yes, electronic           Trigger level         1 A           Number of operating cycle of relay outputs         -           Output data size         1 Byte           Status information, alarms, diagnostics         seren LED per channel           Interrupts         no           Process alarm         no           Diagnostic interrupt         no           Diagnostic functions         no           Diagnostic functions         no           Diagnostic information read-out         none           Group error display         none           Group error display         none           Between channels         -           Between channels         8           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes         1           Input bytes         2 <tr< td=""><td>Parallel switching of outputs for increased power</td><td>not possible</td></tr<>	Parallel switching of outputs for increased power	not possible
Switching frequency with inductive load         max. 10 Hz           Switching frequency on lamp load         max. 10 Hz           Internal limitation of inductive shut-off voltage         L+ (-52 V)           Short-circuit protection of output         yes, electronic           Trigger level         1 A           Number of operating cycle of relay outputs         -           Switching capacity of contacts         -           Output data size         1 Byte           Status information, alarms, diagnostics         status information, alarms, diagnostics           Status information, alarms, diagnostics         no           Process alarm         no           Plagnostic interrupt         no           Diagnostic interrupt         no           Diagnostic interrupt         none           Diagnostic information read-out         none           Supply voltage display         none           Group error display         none           Between channels         -           Between channels of groups to         8           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes         2           Input b	Actuation of digital input	yes
Switching frequency on lamp load         max. 10 Hz           Internal limitation of inductive shut-off voltage         L+ (-52 V)           Short-circuit protection of output         yes, electronic           Trigger level         1 A           Number of operating cycle of relay outputs         -           Switching capacity of contacts         -           Output data size         1 Byte           Status information, alarms, diagnostics         -           Status display         green LED per channel           Interrupts         no           Process alarm         no           Diagnostic interrupt         no           Diagnostic interrupt         no           Diagnostics information read-out         none           Supply voltage display         none           Group error display         none           Channel error display         none           Setween channels         -           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes         1           Input bytes         2           Quiput bytes         0           Diagnostic bytes         0<	Switching frequency with resistive load	max. 1000 Hz
Internal limitation of inductive shut-off voltage	Switching frequency with inductive load	max. 0.5 Hz
Short-circuit protection of output         yes, electronic           Trigger level         1 A           Number of operating cycle of relay outputs         -           Switching capacity of contacts         1 Byte           Cutput data size         1 Byte           Status information, alarms, diagnostics         green LED per channel           Interrupts         no           Process alarm         no           Diagnostic interrupt         no           Diagnostic information read-out         none           Supply voltage display         none           Group error display         none           Channel error display         none           Stolation         -           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes         2           Uput bytes         2           Output bytes         2           Parameter bytes         0           Diagnositic bytes         0           Pottle rail 35 mm           Mechanical data         PPE/ PA 6.6           Mounting         Profile rail 35 mm × 76 mm x 48 mm           Net weight	Switching frequency on lamp load	max. 10 Hz
Trigger level         1 A           Number of operating cycle of relay outputs         -           Switching capacity of contacts         -           Output data size         1 Byte           Status information, alarms, diagnostics         green LED per channel           Interrupts         no           Process alarm         no           Diagnostic interrupt         no           Diagnostic functions         no           Diagnostic information read-out         none           Supply voltage display         none           Group error display         none           Between channels of groups to         8           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes         2           Uput bytes         2           Quiput bytes         2           Diagnostic bytes         0           Housing         PPE / PA 6.6           Mounting         PPE / PA 6.6           Mounting         Profile rail 35 mm           Mechanical data         101.6 mm x 76 mm x 48 mm           Dirensions (WxHxD)         101.6 mm x 76 mm x 48 mm           <	Internal limitation of inductive shut-off voltage	L+ (-52 V)
Number of operating cycle of relay outputs         -           Switching capacity of contacts         -           Output data size         1 Byte           Status display         green LED per channel           Interrupts         no           Process alarm         no           Diagnostic interrupt         no           Diagnostic functions         no           Couper deplay         none           Group error display         none           Isolation         -           Between channels         -           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Diagnostic bytes           Injust bytes         2           Parame	Short-circuit protection of output	yes, electronic
Switching capacity of contacts         -           Output data size         1 Byte           Status information, alarms, diagnostics         seren LED per channel           Status display         green LED per channel           Interrupts         no           Process alarm         no           Diagnostic interrupt         no           Diagnostic functions         no           Diagnostic information read-out         none           Supply voltage display         none           Group error display         none           Loannel error display         none           Loannel error display         none           Between channels         -           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes           Input bytes         2           Output bytes         2           Parameter bytes         0           Diagnostic bytes         0           Housing         PPE / PA 6.6           Mounting         PPE / PA 6.6           Mounting         Profile rail 35 mm           Meight including accessories         -	Trigger level	1 A
Output data size         1 Byte           Status Information, alarms, diagnostics           Status display         green LED per channel           Interrupts         no           Process alarm         no           Diagnostic interrupt         no           Diagnostics functions         no           Diagnostics information read-out         none           Supply voltage display         none           Group error display         none           Channel error display         none           Between channels         -           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes         Input bytes           Input bytes         2           Output bytes         2           Parameter bytes         0           Diagnostic bytes         0           Housing         Profile rail 35 mm           Mechanical data         Dimensions (WxHxD)         101.6 mm x 76 mm x 48 mm           Net weight         -         -           Gross weight         -         -	Number of operating cycle of relay outputs	-
Status information, alarms, diagnostics  Status display green LED per channel Interrupts no Process alarm no Diagnostic interrupt none D		-
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           Group error display         none           Channel error display         none           Isolation         -           Between channels         -           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes         Input bytes         2           Output bytes         2           Parameter bytes         0           Diagnostic bytes         0           Housing         PPE / PA 6.6           Mounting         PPE / PA 6.6           Mounting         Profile rail 35 mm           Mechanical data         Union mu x 76 mm x 48 mm           Net weight         222 g           Weight including accessories         -           Gross weight         -	Output data size	1 Byte
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           Group error display         none           Channel error display         none           Isolation         -           Between channels         -           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes         Input bytes         2           Output bytes         2           Parameter bytes         0           Diagnostic bytes         0           Housing         PPE / PA 6.6           Mounting         PPE / PA 6.6           Mounting         Profile rail 35 mm           Mechanical data         Union mu x 76 mm x 48 mm           Net weight         222 g           Weight including accessories         -           Gross weight         -	Status information, alarms, diagnostics	
Interrupts         no           Process alarm         no           Diagnostic interrupt         no           Diagnostic functions         no           Diagnostics information read-out         none           Supply voltage display         none           Group error display         none           Channel error display         none           Between channels error display           Between channels of groups to         8           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes           Input bytes         2           Output bytes         2           Parameter bytes         0           Diagnostic bytes         0           Housing         PPE / PA 6.6           Mounting         PPE / PA 6.6           Mounting         Profile rail 35 mm           Mechanical data         Under the max 76 mm x 48 mm           Net weight         222 g           Weight including accessories         -           Gross weight         -		green LED per channel
Process alarm         no           Diagnostic interrupt         no           Diagnostic functions         no           Diagnostics information read-out         none           Supply voltage display         none           Group error display         none           Channel error display         none           Isolation           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes           Input bytes         2           Output bytes         2           Parameter bytes         0           Diagnostic bytes         0           Housing         PPE / PA 6.6           Mounting         PPE / PA 6.6           Mounting         POTIE rail 35 mm           Mechanical data           Dimensions (WxHxD)         101.6 mm x 76 mm x 48 mm           Net weight         222 g           Weight including accessories         -           Gross weight         -		
Diagnostic functions         no           Diagnostics information read-out         none           Supply voltage display         none           Group error display         none           Channel error display         none           Between channels error display         -           Between channels         -           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes           Input bytes         2           Output bytes         2           Parameter bytes         0           Diagnostic bytes         0           Housing         PPE / PA 6.6           Mounting         PPE / PA 6.6           Mounting         Profile rail 35 mm           Mechanical data         Union mx 76 mm x 48 mm           Net weight         222 g           Weight including accessories         -           Gross weight         -	<u> </u>	no
Diagnostic functions         no           Diagnostics information read-out         none           Supply voltage display         none           Group error display         none           Channel error display         none           Between channels error display         -           Between channels         -           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes           Input bytes         2           Output bytes         2           Parameter bytes         0           Diagnostic bytes         0           Housing         PPE / PA 6.6           Mounting         PPE / PA 6.6           Mounting         Profile rail 35 mm           Mechanical data         Union mx 76 mm x 48 mm           Net weight         222 g           Weight including accessories         -           Gross weight         -	Diagnostic interrupt	no
Diagnostics information read-out         none           Supply voltage display         none           Group error display         none           Channel error display         none           Isolation           Between channels         -           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes           Input bytes         2           Quiput bytes         2           Parameter bytes         0           Diagnostic bytes         0           Housing         PPE / PA 6.6           Mounting         Profile rail 35 mm           Mechanical data         Dimensions (WXHxD)           Net weight         222 g           Weight including accessories         -           Gross weight         -	<u> </u>	no
Supply voltage display         none           Group error display         none           Channel error display         none           Isolation         -           Between channels         -           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes           Input bytes         2           Qutput bytes         2           Parameter bytes         0           Diagnostic bytes         0           Housing         PPE / PA 6.6           Mounting         Profile rail 35 mm           Mechanical data         Dimensions (WxHxD)         101.6 mm x 76 mm x 48 mm           Net weight         22 g           Weight including accessories         -           Gross weight         -		none
Group error display         none           Channel error display         none           Isolation         -           Between channels         -           Between channels of groups to         8           Between channels and backplane bus         yes           Insulation tested with         DC 500 V           Datasizes           Input bytes         2           Output bytes         2           Parameter bytes         0           Diagnostic bytes         0           Housing         PE / PA 6.6           Mounting         PPE / PA 6.6           Mounting         Profile rail 35 mm           Mechanical data         Uninensions (WxHxD)         101.6 mm x 76 mm x 48 mm           Net weight         222 g           Weight including accessories         -           Gross weight         -		none
Channel error display     none       Isolation     Fetween channels       Between channels of groups to     8       Between channels and backplane bus     yes       Insulation tested with     DC 500 V       Datasizes       Input bytes     2       Output bytes     2       Parameter bytes     0       Diagnostic bytes     0       Housing       Material     PPE / PA 6.6       Mounting     Profile rail 35 mm       Mechanical data       Dimensions (WxHxD)     101.6 mm x 76 mm x 48 mm       Net weight     222 g       Weight including accessories     -       Gross weight     -		none
Between channels - Between channels of groups to 8 Between channels and backplane bus yes Insulation tested with DC 500 V  Datasizes  Input bytes 2 Output bytes 2 Parameter bytes 0 Diagnostic bytes 0 Unguriantly bytes 0 Diagnostic bytes 0 Housing  Material PPE / PA 6.6 Mounting Profile rail 35 mm  Mechanical data  Dimensions (WxHxD) 101.6 mm x 76 mm x 48 mm Net weight 222 g  Weight including accessories - Cores weight		none
Between channels of groups to Between channels and backplane bus Insulation tested with  DC 500 V  Datasizes  Input bytes  2 Output bytes  2 Parameter bytes  Diagnostic bytes  Output bytes  PPE / PA 6.6  Mounting  PPE / PA 6.6  Mounting  Profile rail 35 mm  Mechanical data  Dimensions (WxHxD)  Net weight  Net weight  Veight including accessories  Gross weight  PS OU V  8  8  8  8  8  8  8  8  8  8  8  8  8	Isolation	
Between channels and backplane bus Insulation tested with DC 500 V  Datasizes  Input bytes 2 Output bytes 2 Parameter bytes 0 Diagnostic bytes 0 Housing  Material Mounting PPE / PA 6.6 Mounting Profile rail 35 mm  Mechanical data  Dimensions (WxHxD) 101.6 mm x 76 mm x 48 mm  Net weight Net weight Cross weight 1  Net Weight including accessories 1-  Gross weight  Diction V  Diction	Between channels	-
Insulation tested with DC 500 V  Patasizes  Input bytes 2 Output bytes 2 Parameter bytes 0 Diagnostic bytes 0 Diagnostic bytes 0  Housing  Material PPE / PA 6.6  Mounting Profile rail 35 mm  Mechanical data  Dimensions (WxHxD) 101.6 mm x 76 mm x 48 mm  Net weight 222 g  Weight including accessories - Gross weight -	Between channels of groups to	8
Datasizes  Input bytes 2 Output bytes 2 Parameter bytes 0 Diagnostic bytes 0  Housing  Material PPE / PA 6.6 Mounting Profile rail 35 mm  Mechanical data  Dimensions (WxHxD) 101.6 mm x 76 mm x 48 mm  Net weight 10222 g  Weight including accessories - Gross weight -	Between channels and backplane bus	yes
Input bytes2Output bytes2Parameter bytes0Diagnostic bytes0HousingMaterialPPE / PA 6.6MountingProfile rail 35 mmMechanical dataDimensions (WxHxD)101.6 mm x 76 mm x 48 mmNet weight222 gWeight including accessories-Gross weight-	Insulation tested with	DC 500 V
Output bytes 2 Parameter bytes 0 Diagnostic bytes 0 Housing  Material PPE / PA 6.6 Mounting Profile rail 35 mm  Mechanical data  Dimensions (WxHxD) 101.6 mm x 76 mm x 48 mm  Net weight 222 g  Weight including accessories - Gross weight -	Datasizes	
Parameter bytes 0 Diagnostic bytes 0  Housing  Material PPE / PA 6.6  Mounting Profile rail 35 mm  Mechanical data  Dimensions (WxHxD) 101.6 mm x 76 mm x 48 mm  Net weight 222 g  Weight including accessories -  Gross weight -	Input bytes	2
Diagnostic bytes 0  Housing  Material PPE / PA 6.6  Mounting Profile rail 35 mm  Mechanical data  Dimensions (WxHxD) 101.6 mm x 76 mm x 48 mm  Net weight 101.0 mg x 76 mg x 48 mg  Weight including accessories -  Gross weight -	Output bytes	2
Housing  Material PPE / PA 6.6  Mounting Profile rail 35 mm  Mechanical data  Dimensions (WxHxD) 101.6 mm x 76 mm x 48 mm  Net weight 222 g  Weight including accessories -  Gross weight -	Parameter bytes	0
Material PPE / PA 6.6  Mounting Profile rail 35 mm  Mechanical data  Dimensions (WxHxD) 101.6 mm x 76 mm x 48 mm  Net weight 222 g  Weight including accessories -  Gross weight -	Diagnostic bytes	0
Mechanical data  Dimensions (WxHxD)  Net weight  Veight including accessories  Gross weight  Profile rail 35 mm  101.6 mm x 76 mm x 48 mm  222 g	Housing	
Mechanical data  Dimensions (WxHxD) 101.6 mm x 76 mm x 48 mm  Net weight 222 g  Weight including accessories -  Gross weight -	Material	PPE / PA 6.6
Dimensions (WxHxD)101.6 mm x 76 mm x 48 mmNet weight222 gWeight including accessories-Gross weight-	Mounting	Profile rail 35 mm
Net weight     222 g       Weight including accessories     -       Gross weight     -	Mechanical data	
Weight including accessories - Gross weight -	Dimensions (WxHxD)	101.6 mm x 76 mm x 48 mm
Gross weight -	Net weight	222 g
Gross weight -	Weight including accessories	
Environmental conditions		-
	Environmental conditions	



Operating temperature	0 °C to 60 °C	
Storage temperature	-25 °C to 70 °C	
Certifications		
UL certification	yes	
KC certification	-	