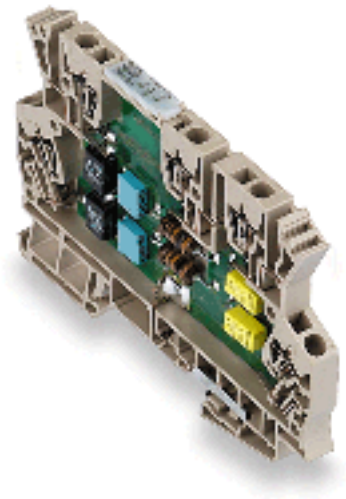
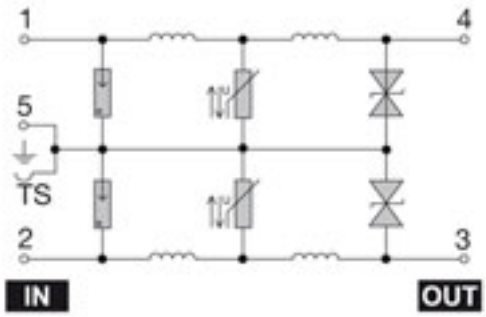




General ordering data	
Order No.	8448970000
Part designation	MCZ OVP SL 24VUC 1,25A
Version	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 24 V
EAN	4032248052998
Qty.	10 pc(s).

Clamped conductors	
Flexible w. ferrule, min. (DIN 46228-1)	0.5 mm²
Flexible, max.	1.5 mm²
Flexible, min.	0.5 mm²
Rated cross-section for solid/flexible with ferrule	1.5 mm²
Rated cross-section, max. ferrules	1 mm²
Type of connection	Tension clamp connection

General data	
Design	Terminal
Storage temperature	-40 ... 85°C
Ambient temperature (operational)	-40 ... 60°C

Insulation coordination acc. to EN 50178	
Overvoltage category	III
Pollution severity	2

Interference voltage	
Protection level on output side sym., input 1 kV/ µs, typ.	80 V
Protection level on output side sym., input 8/20 µs, typ.	130 V
Protection level on output side unsym., input 1kV/ µs, typ.	40 V
Protection level on output side unsym., input 8/20 µs, typ.	65 V

Interference voltage

Technical data

Limiting frequency (-3 dB) at load resistance	500 kHz 240 Ω
Rated voltage (AC/DC)	24 V
Rated voltage (DC), max.	38 V
Rated voltage (AC)	24 V
Volume resistance	1 Ω
Rated voltage, max.	27 V AC
Rated current	1.25 A
Rated voltage	24 V
Rated voltage (DC)	24 V
Max. continuous voltage, Uc (AC)	28 V
Operating current, Imax	1.25 A
Specification class to IEC 61643-21	D1
Lightning test current I imp (10/350 µs)	1 kA
Discharge current, max. (8/20 µs)	5 kA
Sparkover time	≤ 100 ps
Fuse, max.	1.3 A

Dimensions

Clamping range, nom.	1.5 mm²
Length	91 mm
Height	63.5 mm
Width	6 mm

Approvals

Approvals institutes

Classifications

ETIM 2.0	EC000943
ETIM 3.0	EC000943
eClass 4.1	27-14-11-27
eClass 5.0	27-14-11-27
eClass 5.1	27-14-11-27

Similar products

Order No.	Part designation	Version
8948600000	MCZ OVP HF 24V 0,3A	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}
8448920000	MCZ OVP CL 24VDC 0,5A	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 24 V DC

8448940000	MCZ OVP SL 24VDC 0,5A	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 24 V DC
8448960000	MCZ OVP CL 24VUC 1,25A	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 24 V
8472880000	MCZ OVP CL 24VAC 0,5A	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 24 V DC
8704240000	MCZ OVP CL FG 24VAC 0,5A	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 24 V
8823280000	MCZ OVP SL FG 24VAC 0,5A	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 24 V
8449100000	MCZ OVP FILTER 24V 0,5A	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 24 V DC
8449150000	MCZ OVP TAZ DIODE 24VDC	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 24 V
8449160000	MCZ OVP TAZ DIODE 24VUC	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 24 V DC
8449140000	MCZ OVP VARISTOR S10K30	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 24 V
8449130000	MCZ OVP Gas charge eliminator 90V	Surge protection for instrumentation and control, {Reference (AttributeDefinition) not found: pattr2500833906422}, Rated voltage: 24 V

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