

General Information

Extended Product Type:	S223-K50
Product ID:	GHS2230001R0577
EAN:	4012233321605
Catalog Description:	Miniature Circuit Breaker - S220 - 3P - K
Long Description:	S223-K50 Miniature Circuit Breaker K-Char., 10kA,50A,3P

Additional Information

Actuator Material:	Insulation Group II, Black, Sealable
Actuator Type:	Insulation group II, black, sealable
Ambient Air Temperature:	Operation -25 ... +45 °C Storage -40 ... +70 °C
Ambient Air Temperature Compensation:	Yes
Built-In Depth (t₂):	83 mm
Connecting Capacity:	Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 25 mm ² Stranded 0.75 ... 25 mm ²
Connecting Capacity UL/CSA:	Busbar 6-36 AWG Conductor 4 AWG
Contact Position Indication:	Red ON / Green OFF
Country of Origin:	Bulgaria (BG)
Customs Tariff Number:	85362010
Data Sheet, Technical Information:	2CDC414003D0201
Declaration of Conformity - CE:	2CDK403015D2704
Degree of Protection:	IP20
E-number:	2102298
EAN:	4012233321605
EPLAN Catalog Tree:	Electrical engineering / Protection devices / General
EPLAN Function Definition:	Circuit breaker / Triple circuit breaker / Triple circuit breaker 1_2_3_4_5_6
ETIM 4:	EC000042 - Miniature circuit breaker (MCB)
ETIM 5:	EC000042 - Miniature circuit breaker (MCB)
ETIM 6:	EC000042 - Miniature circuit breaker (MCB)
Electrical Endurance:	10000 AC cycle
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Environmental Information:	1SAA93101
Housing Material:	Insulation Group I, RAL 7035
Industrial IT Certification Level:	0
Installation Size:	acc. to DIN 43880 1
Instructions and Manuals:	2CDC414003D0201
Interrupting Rating acc. to UL1077:	(600 V AC) 3 kA (690 V AC) 3 kA
Invoice Description:	S223-K50 Miniature Circuit Breaker K-Char., 10kA,50A,3P
Maximum Operating Voltage UL/CSA:	600 V AC
Mechanical Endurance:	20000 cycle
Minimum Order Quantity:	1 piece

Mounting Position:	Any
Mounting on DIN Rail:	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
Number of Poles:	3
Number of Protected Poles:	3
Object Classification Code:	F
Operational Voltage:	Maximum (Incl. Tolerance) 690 V AC Maximum (Incl. Tolerance) 110 V DC Minimum 12 V AC / 12 V DC
Overvoltage Category:	III
Package Level 1 Gross Weight:	1.67 kg
Package Level 1 Height:	93 mm
Package Level 1 Length:	183 mm
Package Level 1 Units:	3 piece
Package Level 1 Width:	92 mm
Pole Net Weight:	0.18 kg
Pollution Degree:	3
Power Loss:	12,9 W at Rated Operating Conditions per Pole 4,3 W
Power Supply Connection:	Arbitrary
Product Main Type:	S220
Product Name:	Miniature Circuit Breaker
Product Net Depth:	183 mm
Product Net Height:	93 mm
Product Net Weight:	0.54 kg
Product Net Width:	92 mm
Product Range:	S220
Rated Current (I_n):	50 A
Rated Frequency (f):	50 Hz 60 Hz
Rated Impulse Withstand Voltage (U_{imp}):	4 kV
Rated Insulation Voltage (U_i):	acc. to IEC/EN 60664-1 440 V
Rated Operational Current (I_e):	50 A
Rated Operational Voltage:	acc. to IEC 60947-2 690 V AC acc. to IEC 60947-2 110 V DC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(690 V AC) 3 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(690 V AC) 3 kA
Rated Voltage (U_r):	690 V AC
Recommended Screw Driver:	Pozidriv 2
Reference Ambient Air Temperature:	20 °C
Resistance to Shock acc. to IEC 60068-2-27:	10g / 20 shocks / 13 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 I_n
RoHS Information:	2CDK400010K0201
Screw Terminal Type:	Cage Terminal
Selling Unit of Measure:	piece
Short Description:	S223-K50 Miniature Circuit Breaker
Size:	3 modules

Standards:	IEC/EN 60947-2 UL 1077
Terminal Type:	Screw Terminals
Tightening Torque:	2 N·m
Tripping Characteristic:	K
UNSPSC:	39121614
Width in Number of Modular Spacings:	3
eClass:	7.0 27141901
Accessories Available:	No
Actuator Marking:	I / O

Accessories

1 Products

Filter

Identifier	Description	Type	Qty	Unit Of Measure
GHS2201904R0003	S220-H11 - Auxiliary Contact	S220-H11	1	piece

