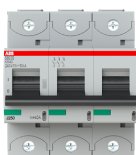


PRODUCT-DETAILS

S803S-KM40

S803S-KM40 High Performance MCB



General Information

Extended Product Type	S803S-KM40
Product ID	2CCS863001R0556
EAN	7612271202224
Catalog Description	S803S-KM40 High Performance MCB
Long Description	S803S-KM40 High Performance Miniature Circuit Breaker 3 Poles KM Characteristic 40A 50kA 230AETBC400VAC

Technical

Standards	IEC/EN 60947-2
Tripping Characteristic	KM
Type of Residual Current	standard version
Rated Voltage (U_r)	acc. to IEC 60947-2 690 V AC
Rated Operational Voltage	acc. to IEC 60898-1 400 V
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 690 V
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Input Voltage Type	AC/DC

Rated Current (I_n)	40 A
Rated Operational Current (I_e)	40 A
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(230 V) 50 kA (400 V) 6 kA
Rated Conditional Short-Circuit Current (I_{nc})	(230 V) 50 kA (400 V) 50 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(240 / 415 V AC) 40 kA (254 / 440 V AC) 22.5 kA (400 / 690 V AC) 4 kA (375 V DC) 30 kA
Frequency (f)	50 ... 60 Hz
Rated Frequency (f)	50/60 Hz
Power Loss	11.1 W at Rated Operating Conditions per Pole 3.7 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Poles	3
Number of Protected Poles	3
Overvoltage Category	III
Release Type	KM
Actuator Marking	I / O
Options Provided	Magnetic only protection
Accessories Available	Yes
Connecting Capacity	Flexible 0 ... 50 mm ² Rigid 0 ... 70 mm ²
Terminal Type	Screw Terminals

Environmental

Ambient Temperature	-25...60 °C
Ambient Air Temperature	Operation -25 ... 60 °C
Degree of Protection	IP20
Pollution Degree	2
RoHS Status	Following EU Directive 2011/65/EU
RoHS Information	9AKK107680A3903 2CCC005083D0202
Environmental Information	2CCY413207D0203
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Dimensions

Width in Number of Modular Spacings	4.5
Product Net Width	81 mm

Product Net Height	95 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	735 g
Size	3 modules
Built-In Depth (t ₂)	82.5 mm
Dimension Diagram	2CCC413003C0201

Ordering

Minimum Order Quantity	1 piece
Package Level 1 Units	box 1 piece
Package Level 1 Gross Weight	770 g
E-Number (Finland)	3212398
E-Number (Switzerland)	807923315

Certificates and Declarations

Declaration of Conformity - CE	2CCC005083D0202
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Installation

Instructions and Manuals	2CCC413016M0008
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Popular Downloads

Data Sheet, Technical Information	2CCC413003C0208
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Classifications

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	85362020
eClass	V11.0 : 27141901
Object Classification Code	F

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → High Performance Circuit Breakers HPCBs → High Performance Circuit Breakers HPCBs

