



PRODUCT-DETAILS

S801P-D80

S801P-D80 High Performance MCB



General Information

Extended Product Type	S801P-D80
Product ID	2CCG001238R0001
EAN	7612271517076
Catalog Description	S801P-D80 High Performance MCB
Long Description	S801P-D80 High Performance Circuit Breaker. D Characteristic. 50kA. 80A. 1P

Technical

Standards	IEC/EN 60947-2
Tripping Characteristic	D
Rated Voltage (U_r)	AccTolec609472 400 V AC AccTolec609472 125 V DC
Rated Operational Voltage	acc. to IEC 60898-1 230 V
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 690 V
Rated Impulse Withstand Voltage (U_{imp})	6 kV
Input Voltage Type	AC/DC
Rated Current (I_n)	80 A
Rated Short-Circuit	(230 V) 25 kA

Capacity	(400 V) 25 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(240 V) 50 kA (400 V) 6 kA
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(240 / 415 V AC) 40 kA
Frequency (f)	50/60 Hz
Rated Frequency (f)	50/60 Hz
Power Loss	at Rated Operating Conditions per Pole 6.4 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Protected Poles	1
Number of Poles	1
Overvoltage Category	III
Tightening Torque	3.5 N·m
Release Type	D
Actuator Marking	I / O
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Mounting Position	Any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Yes
Connecting Capacity	Flexible 1...50 mm² Rigid 1...70 mm²
Wire Stripping Length	19 mm

Material Compliance

RoHS Information	9AKK108468A0851
RoHS Status	Following EU Directive 2011/65/EU
RoHS Date	20230505
REACH Declaration	9AKK108468A0699
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Ambient Air Temperature	Operation -25 ... 60 °C
Reference Ambient Air Temperature	30 °C
Degree of Protection	IP20
Pollution Degree	3

Dimensions

Width in Number of Modular Spacings	1.5
Product Net Width	27.0 mm
Product Net Height	95.0 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	245 g
Built-In Depth (t ₂)	82.5 mm

Ordering				
Package Level 1 Units				box 1 piece
Package Level 1 Gross Weight				280 g
E-Number (Finland)				3217372
E-Number (Sweden)				2101443

Certificates and Declarations				
CB Certificate				9AKK108468A1243
CCC Certificate				9AKK108468A8555
CEBEC Certificate				9AKK108468A1244
Declaration of Conformity - CE				9AKK108468A0836
Declaration of Conformity - UKCA				9AKK108468A0837
DNV GL Certificate				2CCC413018D0201
KC Certificate				9AKK108468A8771
LR Certificate				9AKK108468A8557
RINA Certificate				9AKK108469A1379
UL Certificate				9AKK108469A1794

Installation				
Instructions and Manuals				9AKK108467A9512

Popular Downloads				
Data Sheet, Technical Information				9AKK108468A9560
				9AKK108468A9561
				9AKK108468A9562

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				85362090
eClass				V11.0 : 27141901
Object Classification Code				F

Accessories				
Identifier	Description	Type	Quantity	Unit Of Measure
2CCS800900R0011	S800-AUX	S800-AUX Auxiliary Contact	1	piece
2CCS800900R0021	S800-AUX/ALT	S800-AUX/ALT Auxiliary / Signal Contact	1	piece
2CCS800900R0201	S800-SOR12	S800-SOR12 Shunt Operation Release	1	piece

2CCS800900R0191	S800-SOR24	S800-SOR24 Shunt Operation Release	1	piece
2CCS800900R0221	S800-SOR130	S800-SOR130 Shunt Operation Release	1	piece
2CCS800900R0211	S800-SOR250	S800-SOR250 Shunt Operation Release	1	piece
2CCS800900R0231	S800-SOR400	S800-SOR400 Shunt Operation Release	1	piece
2CCS800900R0241	S800-UVR36	S800-UVR36 Undervoltage Release	1	piece
2CCS800900R0251	S800-UVR60	S800-UVR60 Undervoltage Release	1	piece
2CCS800900R0261	S800-UVR130	S800-UVR130 Undervoltage Release	1	piece
2CCS800900R0271	S800-UVR250	S800-UVR250 Undervoltage Release	1	piece
2CCS800900R0181	S800-CT2125	S800-CT2125 Cage Terminal	1	pack
2CCS800900R0151	S800-CT4125	S800-CT4125 Cage Terminal	1	pack
2CCS800900R0161	S800-RT2125	S800-RT2125 Ring Terminal Cable Connection	1	pack
2CCS800900R0131	S800-RT4125	S800-RT4125 Ring Terminal Cable Connection	1	pack
2CCS800900R0051	S800-PLL	S800-PLL Locking Device IEC	1	pack
2CCS800017R0001	S800U-PLL	S800U-PLL UL Locking Device	1	piece
2CCS800900R0031	S800-IP9	S800-IP9 Intermediate Piece	1	piece
2CCS800900R0501	S800-RSU-H	S800-RSU-H Remote Switching Unit	1	piece
2CCS800900R0041	S800-RD	S800-RD Rotary Drive	1	piece
1SDA060150R0001	S800-RHE-H	S800-RHE-H Anthracite Rotary Handle	1	piece
1SDA060151R0001	S800-RHE-EM	S800-RHE-EM Red Rotary Handle	1	piece
1SDA060179R0001	S800-RHE-S	S800-RHE-S Axial Extension	1	piece
1SDA060180R0001	S800-RHE-IP54	S800-RHE- IP54 Kit IP54	1	piece

Categories

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

