

PRODUCT-DETAILS

S802S-K4

S802S-K4 High Performance MCB



General Information

Extended Product Type	S802S-K4
Product ID	2CCF019951R0001
EAN	7612271500177
Catalog Description	S802S-K4 High Performance MCB
Long Description	S802S-K4 2 Poles K Characteristic 4A 6 kA 400/690 VAC High Performance Circuit Breaker HPCB

Technical

Standards	IEC/EN 60947-2, IEC/EN 60898-1, UL 1077
Tripping Characteristic	K
Rated Voltage (U_r)	acc. to IEC 60947-2 690 V AC acc. to IEC 60947-2 250 V DC acc. to IEC 60898-1 400 V AC
Rated Operational Voltage	acc. to IEC 60947-2 690 V AC acc. to IEC 60947-2 250 V DC acc. to IEC 60898-1 400 V AC
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)	4 A
Rated Operational Current (I_e)	4 A

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(240 / 415 V AC) 50 kA (254 / 440 V AC) 30 kA (289 / 500 V AC) 15 kA (400 / 690 V AC) 6 kA (250 V DC) 30 kA
Rated Conditional Short-Circuit Current (I_{nc})	(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 (289 / 500 V AC) 11 kA (400 / 690 V AC) 4 kA (250 V DC) 30 kA
Rated Frequency (f)	50...60 Hz
Power Loss	4 W at Rated Operating Conditions per Pole 2 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Number of Poles	2
Number of Protected Poles	2
Overvoltage Category	IV
Tightening Torque	3.5 N·m
Actuator Marking	I / O
Housing Material	Insulation group I, RAL 7035
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
Remarks	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
Connecting Capacity	Flexible 0...50 mm ² Rigid 0...70 mm ²
Terminal Type	Screw Terminals

Environmental

Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +70 °C
Degree of Protection	acc. to IEC 60529 IP20
Pollution Degree	3
Resistance to Vibrations acc. to IEC 60068-2-6	7 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x 1e
RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	2CCY413207D0203

Technical UL/CSA

Interrupting Rating acc. to UL1077	(240 V AC) 30 kA (480Y / 277 V AC) 14 kA (600Y / 347 V AC) 6 kA
------------------------------------	-----------------------------------------------------------------------

Dimensions

Width in Number of Modular Spacings	3
Product Net Width	54 mm
Product Net Height	95 mm

Product Net Depth / Length	82.5 mm
Product Net Weight	0.49 kg
Built-In Depth (t ₂)	82.5 mm

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	105 mm
Package Level 1 Height	99 mm
Package Level 1 Depth / Length	60 mm
Package Level 1 Gross Weight	510 g
Package Level 1 EAN	7612271500177

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010
E-Number (Finland)	3211138
Country of Origin	Switzerland (CH)

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CCC005083D0202
Environmental Information	2CCY413207D0203
Instructions and Manuals	2CCC413016M0008
RoHS Information	9AKK107680A3903 2CCC005083D0202

Popular Downloads

Data Sheet, Technical Information	2CCC413003C0208
Instructions and Manuals	2CCC413016M0008

Classifications

ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	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

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CKA001724A4329	2539-212-500 Cover Plates TAE White	2539-212-500	1	piece

2CKA001724A4327	2539-214-500 Cover Plates TAE alpine white	2539-214-500	1	piece
2CKA001753A2629	1766-20 Cover Plate TAE; UAE / TAE; USB / VGA / HDMI Platinum - alpha	1766-20	1	piece
2CKA001753A8493	1803-02-21 Cover Plate UAE/IAE (ISDN) bronze - alpha	1803-02-21	1	piece
2CKA001753A2637	1766-21 Cover Plate TAE; UAE / TAE; USB / VGA / HDMI bronze - alpha	1766-21	1	piece
2CKA001753A8956	1803-02-212 Cover Plate UAE/IAE (ISDN) White - Busch-Duro 2000	1803-02-212	1	piece
2CKA001710A2496	1766-22G Cover Plate TAE; UAE / TAE; USB / VGA / HDMI ivory - alpha	1766-22G	1	piece
2CKA001753A7743	1766-24G Cover Plate TAE; UAE / TAE; Loudspeaker connection Studio white - alpha	1766-24G	1	piece
2CKA001753A9990	1803-02-214-500 Cover Plates UAE/IAE (ISDN) alpine white	1803-02-214-500	1	piece
2CKA001710A3310	1766-260 Cover Plate TAE; UAE / TAE; USB / VGA / HDMI Palladium - alpha	1766-260	1	piece
2CKA001753A9111	1803-02-215 Cover Plate UAE/IAE (ISDN) black	1803-02-215	1	piece
2CKA001710A2611	1803-02-22G Cover Plate UAE/IAE (ISDN) ivory - alpha	1803-02-22G	1	piece
2CKA001710A3336	1766-266 Cover Plate TAE; UAE / TAE; USB / VGA / HDMI titanium - alpha	1766-266	1	piece
2CKA001710A2033	1803-02-24G Cover Plate UAE/IAE (ISDN) Studio white - alpha	1803-02-24G	1	piece
2CKA001753A0055	1766-72 Cover Plate TAE; UAE / TAE; Loudspeaker connection ivory - impuls	1766-72	1	piece
2CKA001710A3321	1803-02-260 Cover Plate UAE/IAE (ISDN) Palladium - alpha	1803-02-260	1	piece
2CKA001753A4989	1766-74 Cover Plate TAE; UAE / TAE; Loudspeaker connection alpine white - impuls	1766-74	1	piece
2CKA001710A3347	1803-02-266 Cover Plate UAE/IAE (ISDN) titanium - alpha	1803-02-266	1	piece
2CKA001753A0176	1766-774 Cover Plate TAE; UAE / TAE; Loudspeaker connection studio white matt - impuls	1766-774	1	piece
2CKA001753A0083	1803-02-72 Cover Plate UAE/IAE (ISDN) ivory - impuls	1803-02-72	1	piece
2CKA001753A0148	1766-775 Cover Plate TAE; UAE / TAE; Loudspeaker connection black matt - impuls	1766-775	1	piece
2CKA001753A0056	1766-783 Cover Plate TAE; UAE / TAE; Loudspeaker connection Aluminium silver - impuls	1766-783	1	piece
2CKA001753A9004	1803-02-74 Cover Plate UAE/IAE (ISDN) alpine white - impuls	1803-02-74	1	piece
2CKA001753A0192	1803-02-774 Cover Plate UAE/IAE (ISDN) studio white matt - impuls	1803-02-774	1	piece
2CKA001753A5465	1766-79 Cover Plate TAE; UAE / TAE; Loudspeaker connection Champagne metallic - impuls	1766-79	1	piece
2CKA001710A3854	1766-803 Cover Plate TAE; UAE / TAE; USB / VGA / HDMI grey metallic - future linear	1766-803	1	piece
2CKA001753A0161	1803-02-775 Cover Plate UAE/IAE (ISDN) black matt - impuls	1803-02-775	1	piece
2CKA001710A3613	1766-81 Cover Plate TAE; UAE / TAE; USB / VGA / HDMI anthracite - future linear	1766-81	1	piece
2CKA001753A0084	1803-02-783 Cover Plate UAE/IAE (ISDN) Aluminium silver - impuls	1803-02-783	1	piece
2CKA001710A3144	1766-82 Cover Plate TAE; UAE / TAE; USB / VGA / HDMI ivory white - future linear	1766-82	1	piece
2CKA001753A9038	1803-02-79 Cover Plate UAE/IAE (ISDN) Champagne metallic - impuls	1803-02-79	1	piece
2CKA001710A3659	1766-83 Cover Plate TAE; UAE / TAE; USB / VGA / HDMI Aluminium silver - future linear	1766-83	1	piece
2CKA001710A3853	1803-02-803 Cover Plate UAE/IAE (ISDN) grey metallic - future linear	1803-02-803	1	piece

2CKA001710A3615	1803-02-81 Cover Plate UAE/IAE (ISDN) anthracite - future linear	1803-02-81	1	piece
2CKA001710A3146	1803-02-82 Cover Plate UAE/IAE (ISDN) ivory white - future linear	1803-02-82	1	piece
2CKA001710A4084	1766-840-500 Cover Plate Brass - future linear	1766-840-500	1	piece
2CKA001710A3610	1803-02-83 Cover Plate UAE/IAE (ISDN) Aluminium silver - future linear	1803-02-83	1	piece
2CKA001710A3992	1766-84-500 Cover Plates TAE Studio white - future linear	1766-84-500	1	piece
2CKA001710A3765	1766-866 Cover Plate TAE; UAE / TAE; USB / VGA / HDMI Stainless steel - future linear	1766-866	1	piece
2CKA001710A3926	1766-884 Cover Plate TAE; UAE / TAE; USB / VGA / HDMI studio white matt - future linear	1766-884	1	piece
2CKA001710A4083	1803-02-840-500 Cover Plate antique brass - future linear	1803-02-840- 500	1	piece
2CKA001710A1551	1803-02-84-500 Cover Plates UAE/IAE (ISDN) Studio white - future linear	1803-02-84- 500	1	piece
2CKA001710A3903	1766-885 Cover Plate TAE; UAE / TAE; USB / VGA / HDMI black matt - future linear	1766-885	1	piece
2CKA001710A3764	1803-02-866 Cover Plate UAE/IAE (ISDN) Stainless steel - future linear	1803-02-866	1	piece
2CKA001753A1753	1746-20 FN Cover Plate TAE; UAE / TAE; Platinum - alpha	1746-20 FN	1	piece
2CKA001710A3888	1803-02-884 Cover Plate UAE/IAE (ISDN) studio white matt - future linear	1803-02-884	1	piece
2CKA001753A5978	1746-20-101 Cover Plate telecommunication inserts Platinum - alpha	1746-20-101	1	piece
2CKA001710A3911	1803-02-885 Cover Plate UAE/IAE (ISDN) black matt - future linear	1803-02-885	1	piece
2CKA001753A1761	1746-21 FN Cover Plate TAE; UAE / TAE; Loudspeaker connection bronze - alpha	1746-21 FN	1	piece
2CKA001753A5986	1746-21-101 Cover Plate telecommunication inserts bronze - alpha	1746-21-101	1	piece
2CKA001726A0173	1746-212-101 Cover Plate telecommunication inserts White - Busch-Duro 2000	1746-212-101	1	piece
2CKA001753A0097	1803-02-92-507 Cover Plates UAE/IAE (ISDN) White	1803-02-92- 507	1	piece
2CKA001753A0203	1803-02-93-507 Cover Plates UAE/IAE (ISDN) champagne	1803-02-93- 507	1	piece
2CKA001726A0181	1746-214-101 Cover Plate telecommunication inserts alpine white - Reflex SI/SI Linear	1746-214-101	1	piece
2CKA001753A0095	1803-02-94-507 Cover Plates UAE/IAE (ISDN) alpine white	1803-02-94- 507	1	piece
2CKA001753A0206	1803-02-95-507 Cover Plates UAE/IAE (ISDN) château-black	1803-02-95- 507	1	piece
2CKA001710A2488	1746-22G FN Cover Plate TAE; UAE / TAE; Loudspeaker connection ivory - alpha	1746-22G FN	1	piece
2CKA001753A0209	1803-02-96-507 Cover Plates UAE/IAE (ISDN) chalet-white	1803-02-96- 507	1	piece
2CKA001710A2470	1746-22G-101 Cover Plate telecommunication inserts ivory - alpha	1746-22G-101	1	piece
2CKA001753A7719	1746-24G FN Cover Plate TAE; UAE / TAE; Loudspeaker connection Studio white - alpha	1746-24G FN	1	piece
2CKA001753A7685	1746-24G-101 Cover Plate telecommunication inserts Studio white - alpha	1746-24G-101	1	piece
2CKA001710A3311	1746-260 FN Cover Plate TAE; UAE / TAE; Loudspeaker connection Palladium - alpha	1746-260 FN	1	piece
2CKA001710A3313	1746-260-101 Cover Plate telecommunication inserts Palladium - alpha	1746-260-101	1	piece
2CKA001710A3337	1746-266 FN Cover Plate TAE; UAE / TAE; Loudspeaker connection titanium - alpha	1746-266 FN	1	piece
2CKA001710A3339	1746-266-101 Cover Plate telecommunication inserts titanium - alpha	1746-266-101	1	piece
2CKA001753A0043	1746-72 Cover Plate telecommunication inserts ivory - impuls	1746-72	1	piece

2CKA001753A4997	1746-74 Cover Plate telecommunication inserts alpine white - impuls	1746-74	1	piece
2CKA001753A0171	1746-774 Cover Plate telecommunication inserts studio white matt - impuls	1746-774	1	piece
2CKA001753A0142	1746-775 Cover Plate telecommunication inserts black matt - impuls	1746-775	1	piece
2CKA001753A0044	1746-783 Cover Plate telecommunication inserts Aluminium silver - impuls	1746-783	1	piece
2CKA001753A5473	1746-79 Cover Plate telecommunication inserts Champagne metallic - impuls	1746-79	1	piece
2CKA001710A3858	1746-803 Cover Plate telecommunication inserts grey metallic - future linear	1746-803	1	piece
2CKA001710A3618	1746-81 Cover Plate telecommunication inserts anthracite - future linear	1746-81	1	piece
2CKA001710A3149	1746-82 Cover Plate telecommunication inserts ivory white - future linear	1746-82	1	piece
2CKA001710A3678	1746-83 Cover Plate telecommunication inserts Aluminium silver - future linear	1746-83	1	piece
2CKA001710A3167	1746-84 Cover Plate telecommunication inserts Studio white - future linear	1746-84	1	piece
2CKA001710A4086	1746-840-500 Cover Plates antique brass - future linear	1746-840-500	1	piece
2CKA001710A3769	1746-866 Cover Plate telecommunication inserts Stainless steel - future linear	1746-866	1	piece
2CKA001710A3876	1746-884 Cover Plate telecommunication inserts studio white matt - future linear	1746-884	1	piece
2CKA001710A3898	1746-885 Cover Plate telecommunication inserts black matt - future linear	1746-885	1	piece
2CKA001726A0221	1746-92-507 Cover Plates telecommunication inserts White	1746-92-507	1	piece
2CKA001726A0229	1746-93-507 Cover Plates telecommunication inserts champagne	1746-93-507	1	piece
2CKA001726A0219	1746-94-507 Cover Plates telecommunication inserts alpine white	1746-94-507	1	piece
2CKA001726A0231	1746-95-507 Cover Plates telecommunication inserts château-black	1746-95-507	1	piece
2CKA001726A0233	1746-96-507 Cover Plates telecommunication inserts chalet-white	1746-96-507	1	piece

Categories

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

