

PRODUCT-DETAILS

# S204-C80

## S204-C80 Miniature Circuit Breaker - 4P - C - 80 A



### Informations générales

Extension du type de produit	S204-C80
Code de produit	2CDS254001R0804
EAN	4016779916424
Description courte	S204-C80 Miniature Circuit Breaker - 4P - C - 80 A
Description longue	S204-C80 Miniature Circuit Breaker C-Char., 6kA, 80A, 4P

### Technique

Normes et standards	IEC/EN 60898-1 IEC/EN 60947-2
Tripping Characteristic	C
Tension	acc. to IEC 60898-1 400 V AC acc. to IEC 60898-1 400 V acc. to IEC 60947-2 400 V AC
Operational Voltage	Maximum (Incl. Tolerance) 440 V AC Minimum 12 V AC
Tension assignée d'isolement ( $U_i$ )	acc. to IEC/EN 60664-1 440 V
Tension assignée de tenue aux chocs ( $U_{imp}$ )	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Dielectric Test Voltage	50/60 Hz, 1 min: 2 kV
Type de tension	AC

Courant nominal ( $I_n$ )	80 A
Rated Short-Circuit Capacity	(AC) 6 kA (DC) 6 kA (230 V AC) 6 kA (400 V AC) 6 kA (400 V) 6 kA
Pouvoir assigné de coupure ultime en court-circuit ( $I_{cu}$ )	(230 V AC) 20 kA (400 V AC) 6 kA (400 V) 6 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(230 V) 20 kA (400 V) 20 kA
Pouvoir assigné de coupure de service en court-circuit ( $I_{cs}$ )	(400 V AC) 6 kA
Fréquence assignée (f)	50 / 60 Hz 50 ... 60 Hz
Power Loss	8.1 W at Rated Operating Conditions per Pole 8.1 W
Power Supply Connection	Arbitrary
Contact Position Indication	ON / OFF
Classe de limitation d'énergie	3
Electrical Endurance	10000 AC cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	4
Nombre de pôles	4
Catégorie de Surtension	III
Couple de serrage	3 N·m
Actuator Type	Toggle
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking	I / O
Actuator Material	Insulation Group II, Black, Sealable
Qualité du matériau	Insulation Group I, RAL 7035
Montage sur rail DIN	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
Type d'encastrement	any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Oui
Connecting Capacity	Busbar 16 / 16 mm <sup>2</sup> Conductor 2.5 ... 50 mm <sup>2</sup> Flexible 4 ... 35 mm <sup>2</sup> Rigid 2.5 ... 50 mm <sup>2</sup> Stranded 2.5 ... 50 mm <sup>2</sup>
Installation Size	acc. to DIN 43880 1
Type de borne	Screw Terminals

## Environnement

Température de l'air ambiant	Operation -25 ... +55 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	30 °C
Indice de protection	IP20 IP40 Enclosure with Cover IP40
Degré de pollution	3

Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations acc. to IEC 60068-2-6	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Résistance aux chocs selon CEI 60068-2-27	25g 2 shocks 13 ms
Statut RoHS	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Informations RoHS	2CDK400601D2704
REACH Declaration	9AKK107492A1906
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Dimensions

Width in Number of Modular Spacings	4
Produit Largeur Net	70 mm
Produit Hauteur Net	88 mm
Produit Longueur Net	69 mm
Poids net	0.56 kg
Profondeur d'encastrement (t <sub>2</sub> )	69 mm

## Commande

Emballage Niveau 1 Unités	carton 1 pièce
Emballage Niveau 1 Poids	16 kg
E-Number (Finland)	3210636
E-Number (Sweden)	2100287

## Certificats et Déclarations (Numéro de document)

Agence de certification	EN IEC
Déclaration de Conformité - CE	2CDK400601D2704

## Installation

Instructions et manuels	2CDS207104P0002
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## Downloads Préférés

Fiche produit, informations techniques	9AKK107680A3031
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## Classifications

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)

Catégorie DEEE	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	8536 20 90
UNSPSC	39121603
eClass	V11.0 : 27141901
Code de catégorie granulaire IDEA (IGCC)	4897 >> Miniature circuit breakers
Code de classification d'objet	F

## Accessories

Identifiant	Description	Type	Quantity	Unit Of Measure
2CDS200922R0001	S2C-S/H6R Signal / Auxiliary Contact	S2C-S/H6R	1	piece
2CDS200912R0001	S2C-H6R Auxiliary Contact	S2C-H6R	1	piece
2CDS200970R0001	S2C-H01 Auxiliary Contact	S2C-H01	1	piece
2CDS200970R0002	S2C-H10 Auxiliary Contact	S2C-H10	1	piece
2CDS200936R0001	S2C-H11L Auxiliary Contact	S2C-H11L	1	piece
2CDS200936R0002	S2C-H20L Auxiliary Contact	S2C-H20L	1	piece
2CDS200936R0003	S2C-H02L Auxiliary Contact	S2C-H02L	1	piece
2CDS200946R0001	S2C-H6-11R Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0002	S2C-H6-20R Auxiliary Contact	S2C-H6-20R	1	piece
2CDS200946R0003	S2C-H6-02R Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200909R0001	S2C-A1 Shunt Trip	S2C-A1	1	piece
2CDS200909R0002	S2C-A2 Shunt Trip	S2C-A2	1	piece
2CSS200911R0001	S2C-UA 12 DC Undervoltage Release	S2C-UA 12 DC	1	piece
2CSS200911R0002	S2C-UA 24 AC Undervoltage Release	S2C-UA 24 AC	1	piece
2CSS200911R0003	S2C-UA 48 AC Undervoltage Release	S2C-UA 48 AC	1	piece
2CSS200911R0004	S2C-UA 110 AC Undervoltage Release	S2C-UA 110 AC	1	piece
2CSS200911R0005	S2C-UA 230 AC Undervoltage Release	S2C-UA 230 AC	1	piece
2CSS200911R0006	S2C-UA 400 AC Undervoltage Release	S2C-UA 400 AC	1	piece
2CSS200911R0007	S2C-UA 24 DC Undervoltage Release	S2C-UA 24 DC	1	piece
2CSS200911R0008	S2C-UA 48 DC Undervoltage Release	S2C-UA 48 DC	1	piece
2CSS200911R0009	S2C-UA 110 DC Undervoltage Release	S2C-UA 110 DC	1	piece
2CSS200911R0010	S2C-UA 230 DC Undervoltage Release	S2C-UA 230 DC	1	piece
GHS2001901R0003	S2C-DH Mechanical Accessories	S2C-DH	1	piece
2CSS200998R0001	S2C-BP Mechanical tripping device	S2C-BP	1	piece
2CCA880100R0001	CMS-100PS Sensor	CMS-100PS	1	piece
2CCA880101R0001	CMS-101PS Sensor	CMS-101PS	1	piece
2CCA880102R0001	CMS-102PS Sensor	CMS-102PS	1	piece

## Catégories

Produits basse tension → Appareillage modulaire et parafoudres → Miniature Circuit Breakers MCBs → Disjoncteurs ≤63A SN201/S200

