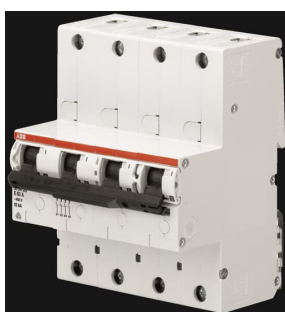


PRODUCT-DETAILS

S754DR-K25

S754DR-K25 Selective Main Circuit Breaker



General Information

Extended Product Type	S754DR-K25
Product ID	2CDH784010R0517
EAN	4016779879880
Catalog Description	S754DR-K25 Selective Main Circuit Breaker
Long Description	Selective main circuit-breakers of the S 750 DR series are SMCBs based on DIN VDE 0641-21 with voltage-independent operating principle. This means that they do not rely on a control circuit to make or break contact (SHU) and are therefore particularly suitable for use in energy distributionsystems with maximum availability requirements. They offer total selectivity to downstream MCBs and outstanding selectivity to upstream protective devices due to unique current limiting selectivity.

Technical

Standards	IEC/EN 60947-2
Product Name	Selective Main Circuit Breaker
Tripping Characteristic	K (Selective)
Suitable for Isolation	Yes
Rated Operational Voltage	400 V AC
Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 690 V
Rated Impulse Withstand Voltage (U _{imp})	6 kV
Dielectric Test Voltage	50/60 Hz, 1 min: 2 kV
Rated Current (I _N)	25 A

Rated Short-Circuit Capacity (I_{cn})	(400 V AC) 25 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	at Rated Operating Conditions per Pole 5.5 W
Power Supply Connection	Arbitrary
Contact Position Indication	Red ON / Green OFF
Number of Poles	4
Overvoltage Category	IV
Tightening Torque	2.5 ... 3 N·m
Mounting Type	DIN-Rail
Screw Terminal Type	Cable Clamp
Actuator Marking	I / O
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
Mounting Position	Any
Recommended Screw Driver	Cross Recess Pozidriv 2 Slotted 1 x 5.5
Accessories Available	Yes
Connecting Capacity	Flexible with Ferrule 2.5 ... 50 mm ² Flexible 2.5 ... 50 mm ² Rigid 2.5 ... 50 mm ² Stranded 2.5 ... 50 mm ²
Installation Size	acc. to DIN 43880 3
Terminal Type	Screw Terminals

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Degree of Protection	IP20 Enclosure with Cover IP40
Pollution Degree	3
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations acc. to IEC 60068-2-6	2g, 20 cycles at 5 ... 150 ... 5Hz
Resistance to Shock acc. to IEC 60068-2-27	30g / 3 shocks / 11 ms
RoHS Status	Following EU Directive 2011/65/EU

Dimensions

Product Net Width	108 mm
Product Net Height	130 mm
Product Net Depth / Length	96 mm
Product Net Weight	1.4 kg

Container Information

Package Level 1 Units	carton 1 piece
Package Level 1 Width	108 mm
Package Level 1 Height	133 mm
Package Level 1 Depth / Length	157 mm
Package Level 1 Gross Weight	1.5 kg

Package Level 1 EAN

4016779880886

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85369095
Country of Origin	Bulgaria (BG)
Selling Unit of Measure	piece

Certificates and Declarations (Document Number)

Certification Agency	EN IEC
Declaration of Conformity - CE	2CDK400633D2701
I ² t Characteristic	9AKK108466A4490
Instructions and Manuals	2CDS707001P0004
RoHS Information	2CDK400642D0201
Time-Current Characteristic Curve	9AKK108466A4496

Popular Downloads

Data Sheet, Technical Information	9AKK107991A5989
Data Sheet, Technical Information (Part 2)	9AKK108466A4493
Instructions and Manuals	2CDS707001P0004
Dimension Diagram	2CDC022023F0011
I ² t Characteristic	9AKK108466A4490
Time-Current Characteristic Curve	9AKK108466A4496

Classifications

ETIM 6	EC001047 - Selective main line circuit breaker
ETIM 7	EC001047 - Selective main line circuit breaker
ETIM 8	EC001047 - Selective main line circuit breaker
EPLAN Catalog Tree	Electrical engineering / Protection devices / Safety switch
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8536 90 95
UNSPSC	39121614
eClass	V11.0 : 27141903
Object Classification Code	F

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Selective Main Circuit Breakers SMCBs → S750DR

