

# TP180DA

ABB contact for United  
States of America

## General Information

Extended Product Type:	TP180DA
Product ID:	1SBN020300R1001
EAN:	3471522121219
Catalog Description:	TP180DA Block Contactor Accessories
Long Description:	TP180DA Block Contactor Accessories

## Categories

Products » Low Voltage Products and Systems » Control Products » Contactors » Block Contactors Accessories

## Ordering

EAN:	3471522121219
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900

## Dimensions

Product Net Width:	44.0 mm
Product Net Height:	47.0 mm
Product Net Depth:	59.0 mm
Product Net Weight:	0.070 kg

## Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	44 mm
Package Level 1 Height:	47 mm
Package Level 1 Gross Weight:	0.07000 kg
Package Level 1 EAN:	3471522121219
Package Level 2 Units:	100 piece

## Environmental

RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment
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## Additional Information

Connecting Capacity-Auxiliary Circuit:	Rigid Cable 1 ... 2.5 mm <sup>2</sup> Flexible with Cable End 0.75 ... 2.5 mm <sup>2</sup>
Connecting terminals (delivered in open position) Built-in auxiliary terminals:	M 3.5 (+,-) pozidriv 2 screw with cable clamp
Conventional Free-air Thermal Current (I <sub>th</sub> ):	acc. to IEC 60947-5-1, q=40°C 10.0 A
Degree of Protection:	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20
IIT Publishing Status:	Level 0 - Information enabled
Maximum Mechanical Switching Frequency:	1200 cycles per hour
Mechanical Durability:	5 million
Mounted Auxiliary Contacts:	1 NO, 1 NC
Mounting on Contactors:	A 9 ... A 75 1 à 2 ms

**Non-overlapping Time Between N.O. and N.C. Contacts:****Number of Auxiliary Contacts NC:** 1**Number of Auxiliary Contacts NO:** 1**Product Main Type:** Accessories for Block Contactors**Product Name:** Block Contactor Accessories**Rated Breaking Capacity acc. to IEC 60947-5-1:** 10 x I<sub>e</sub> AC-15**Rated Frequency (f):** Supply Circuit 50 Hz  
Supply Circuit 60 Hz**Rated Insulation Voltage (U<sub>i</sub>):** acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V**Rated Making Capacity acc. to IEC 60947-5-1:** 10 x I<sub>e</sub> AC-15**Rated Operational Current AC-15 (I<sub>e</sub>):** (220 / 240V) 4 A  
(24 / 127V) 6 A  
(380 / 440V) 3 A  
(500V) 1 A  
(690V) 0.5 A**Rated Operational Current DC-13 (I<sub>e</sub>):** (125V) 0.55 A  
(24V) 6 A  
(250V) 0.3 A  
(48V) 2.8 A  
(72V) 1 A**Rated Operational Voltage:** Main Circuit 690 V**Rated Short-time Withstand Current (I<sub>cw</sub>):** for 0.1s 100.0 A  
for 1.0s 50.0 A**Terminal Type:** Screw Terminals**Time Range:** Direct 10 ... 180s**Certificates and Declarations (Document Number)****CSA Certificate:** CSA\_1033838  
**cUL Certificate:** UL\_071301E48139  
**Declaration of Conformity - CE:** 1SBD250808C2000  
**GOST Certificate:** GOST\_POCCFRME77B07175  
**RoHS Information:** 1SBD350059R1000  
**TÜV Certificate:** TUV\_14387901  
**UL Certificate:** UL\_071301E48139**Classifications****E-number:** 3228811  
**ETIM 4.0:** EC002498 - Accessories for low-voltage switch technology  
**ETIM 5.0:** EC002498 - Accessories for low-voltage switch technology  
**Object Classification Code:** K  
**UNSPSC:** 39121529

