



Type SMD6

BLUE LABEL		
3-Pole, 600V AC		
Catalog Number	Max Current Rating	List Price ^③
SMD69600A	600	
SMD69700A	700	
SMD69800A	800	
SMD69600AG	600	
SMD69700AG	700	
SMD69800AG	800	
SMD69600ANT	600	
SMD69700ANT	700	
SMD69800ANT	800	
SMD69600ANGT	600	
SMD69700ANGT	700	
SMD69800ANGT	800	

Type SHMD6

BLACK LABEL		
3-Pole, 600V AC		
Catalog Number	Max Current Rating	List Price ^③
SHMD69600A	600	
SHMD69700A	700	
SHMD69800A	800	
SHMD69600AG	600	
SHMD69700AG	700	
SHMD69800AG	800	
SHMD69600ANT	600	
SHMD69700ANT	700	
SHMD69800ANT	800	
SHMD69600ANGT	600	
SHMD69700ANGT	700	
SHMD69800ANGT	800	

Current Limiting

Type SCMD6

RED LABEL		
3-Pole, 600V AC		
Catalog Number	Max Current Rating	List Price ^③
SCMD69600A	600	
SCMD69700A	700	
SCMD69800A	800	
SCMD69600AG	600	
SCMD69700AG	700	
SCMD69800AG	800	
SCMD69600ANT	600	
SCMD69700ANT	700	
SCMD69800ANT	800	
SCMD69600ANGT	600	
SCMD69700ANGT	700	
SCMD69800ANGT	800	

Ordering Information

► Pricing information for all Digital Sentron Series MD and ND frames is for complete breaker only. Price requires lugs or lug kits as separate items. Lugs are suitable for 75°C wire or as noted. Connector wire ranges and cavities are established in conjunction with Table 8.1 of UL 489 standards. Choose actual connector for circuit breakers based on customer requirements.

► Recommended Terminal Connectors

Breaker Frame	Ampere Rating	Connector or Connector Kit
MD	500–600	TA2K500
MD	700–800	TA3K500
ND	800	TA3K500
ND	900–1200 (kit)	3TA4N8500

Types SMD6, SHMD6, SMD6, SHMD6 are acceptable for reverse connection applications.

SMD 800A Frame – 100% Rated^①

Type SMD6-H

BLUE LABEL		
3-Pole, 600V AC		
Catalog Number	Max Current Rating	List Price ^③
SMD69600AH	600	
SMD69700AH	700	
SMD69800AH	800	
SMD69600AGH	600	
SMD69700AGH	700	
SMD69800AGH	800	
SMD69600ANTH	600	
SMD69700ANTH	700	
SMD69800ANTH	800	
SMD69600ANGTH	600	
SMD69700ANGTH	700	
SMD69800ANGTH	800	

Type SHMD6-H

BLACK LABEL		
3-Pole, 600V AC		
Catalog Number	Max Current Rating	List Price ^③
SHMD69600AH	600	
SHMD69700AH	700	
SHMD69800AH	800	
SHMD69600AGH	600	
SHMD69700AGH	700	
SHMD69800AGH	800	
SHMD69600ANTH	600	
SHMD69700ANTH	700	
SHMD69800ANTH	800	
SHMD69600ANGTH	600	
SHMD69700ANGTH	700	
SHMD69800ANGTH	800	

Current Limiting

Type SCMD6-H

RED LABEL		
3-Pole, 600V AC		
Catalog Number	Max Current Rating	List Price ^③
SCMD69600AH	600	
SCMD69700AH	700	
SCMD69800AH	800	
SCMD69600AGH	600	
SCMD69700AGH	700	
SCMD69800AGH	800	
SCMD69600ANTH	600	
SCMD69700ANTH	700	
SCMD69800ANTH	800	
SCMD69600ANGTH	600	
SCMD69700ANGTH	700	
SCMD69800ANGTH	800	

Shipping Weights

Breaker Type	Number per Carton	Shipping Weight (lbs)
All types	1	61.5

Lugs for 75°C Wire^②

Catalog Number	Cables per Lug	Wire Range	List Price ^③
TA2K500	2	#1-500 kcmil Cu/Al	
TA3K500	3	#1-500 kcmil Cu/Al	
TC2K500	2	#1-500 kcmil Cu	
TC3K350	3	#1-350 kcmil Cu	
Kits (3 lugs/kit)			
3TA4N8500	4	250–500 kcmil Cu/Al	
3TA4P8500	4	250–500 kcmil Cu/Al	
3TA2N8750	2	600–750 kcmil Cu/Al	
3TA3N8750	3	600–750 kcmil Cu/Al	

Each kit contains the following:
 3TA4P8500—3 connectors plus 1 NDTs end barrier
 3TA3N8750—3 connectors plus 1 NDTs end barrier
 3TA2N8750—3 connectors plus 1 NDTs end barrier

Trip Unit Adjustable Functions

Suffix Letter Code	Trip Type	Cont Current Setting	Long Time Delay	Instantaneous Setting	Short Time Pick Up	Short Time Delay	Ground Fault Pick Up	Ground Fault Delay
A	LI	✓	✓	✓				
AG	LIG	✓	✓	✓			✓	✓
ANT	LSI	✓	✓	✓	✓	✓		
ANGT	LSIG	✓	✓	✓	✓	✓	✓	✓

Interrupting Ratings

Breaker Type	RMS Symmetrical kA UL 489 (File E10848)		
	240V AC	480V AC	600V AC
SMD6 – SND6	65	50	25
SHMD6 – SHND6	100	65	50
SCMD6 – SCND6	200	100	65

Note: "G" suffix in catalog number denotes circuit breaker for 3 phase, 3 wire circuits.
 For 3 phase, 4 wire, order correct 4th wire (neutral) transformer as separate and additional item.

①Use lugs TA2N8750 or TA4P8500 only on 100% rated breakers.

②Molded case circuit breakers having a rated ampacity of 125 amperes or less are to be connected with 60 or 75°C wire. Circuit breakers having a rated ampacity greater than 125 amperes shall only be cabled with 75°C cable unless otherwise indicated on the circuit breaker label. Exceptions to this rule are outlined in article 110-14 C(1)(2) of the 1996 National Electrical Code.

③Consult sales office for prices.

Neutral Transformers

Ampere Rating	Catalog Number	List Price ^③
600	N06SMDA	
700	N07SMDA	
800	N08SMDA	
1000	N10SMDA	
1200	N12SMDA	

Enclosures

Type	Catalog Number	List Price ^③
1	MND61	
3R	MND63	
12	MND612	
Neutral	W63623	

Accessories pages 854-872

Built to order. Allow 2 weeks for production.