

INDUSTRIAL COMPONENT DATA

3VA6140-6KQ31-0AA0 SIEMENS circuit breaker 3VA6 UL frame 150 breaking capacity class H 65kA @ 480V 3-pole, I..

Brand: SIEMENS | Manufacturer Part Number: 3VA6140-6KQ31-0AA0



Manufacturer	SIEMENS
MPN / Reference	3VA6140-6KQ31-0AA0
Catalog number	10000
Category	Power circuit-breaker for trafo/generator/installation protection
Minimum order	1 Pcs
Document ID	EO-628C1C10E9
Generated	2026-08-05

Product Overview

circuit breaker 3VA6 UL frame 150 breaking capacity class H 65kA @ 480V 3-pole, line protection ETU860, LSIG, In=40A overload protection Ir=16A...40A short-circuit protection Isd=0.6..10x In, li=1.5..12x In N conductor protection optionally with external current transformer, up to 160% ground-fault protection Ig=0.375...1 x In, tg=0.05-0.8s without connection
AUTOMATIC SWITCH 3VA6 UL size 150 CUTTING POWER CLASS H 65KA @ 480 V 3 POLES, PROTEC.
DISTRIBUTIONS ETU860, LSIG, IN=40A OVERLOAD PROTECTION IR=16A ... 40A SHORT CIRCUIT PROTECTION
ISD=0,6..10X IN, II=1,5..12X IN NEUTRAL OPC PROTECTION. WITH TC EXT., UP TO 160% GROUND DEFECT
PROTECTION IG=0.375...1X IN, TG=0.05-0.8S WITHOUT ELEMENT. OF CONNECTION. Manufactured to order.
Non-Cancelable Non-Returnable.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path

SIEMENS > POWER DISTRIBUTION AND LOW VOLTAGE SWITCHGEAR > Moulded Case Circuit Breakers 3VA S

Additional Product Information

Technical data

circuit breaker 3VA6 UL frame 150 breaking capacity class H 65kA @ 480V 3-pole, line protection ETU860, LSIG, In=40A overload protection Ir=16A...40A short-circuit protection Isd=0.6..10x In, li=1.5..12x In N conductor protection optionally with external current transformer, up to 160% ground-fault protection Ig=0.375...1 x In, tg=0.05-0.8s without connection

Model

product brand name SENTRON

product designation Molded-case circuit breaker

product designation / according to UL file HDAE

Product version System protection

design of the load switch / according to UL 489 / Heating, Air Conditioning, and Refrigeration circuit breaker (HACR Type)

Yes

design of the overcurrent release ETU860

protection function of the overcurrent release LSIG

number of poles 3

General technical data

rated insulation voltage U_i 800 V

power loss [W] / maximum 2.4 W

Active power loss / for rated value of the current / at AC / in hot operating state / per pole 0.8 W

mechanical service life (switching cycles) / typical 25 000

Electrical endurance (switching cycles) / at AC-1 / at 380/415 V 50/60 Hz 14 000

Electrical endurance (switching cycles) / at AC-1 / at 690 V 50/60 Hz 9 800

electrical endurance (switching cycles) / at 480 V 14 000

electrical endurance (switching cycles) / at 600 V 9 800

Neutral conductors / upgradeable/retrofittable Yes

ground-fault monitoring version Summation current formation L-conductor

product function

? communication function Yes

? other measurement function Ye...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3VA6140-6KQ31-0AA0 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.