



NEW

SALES SHEET

285 Series

THERMAL CIRCUIT BREAKERS

DROP IN REPLACEMENT FOR THE 185-SERIES PANEL AND SURFACE MOUNT THERMAL CIRCUIT BREAKER

Provides medium duty circuit protection for 25 to 200 Ampere loads when switching and circuit protection are both required

- Engineered for improved performance and lower cost
- Trip-free—cannot be held closed after trip
- Visible reset lever shows open condition
- Drop in replacement for 185-Series Circuit Breakers

Specifications

Iic	Interrupting Capacity	3,000A @ 48V DC [†]
Vmxo	Maximum Operating Voltage	48V DC
Itr	Amperage Trip Reference	See table at right
Tmno	Temperature Minimum Operating	-40°C
Tmxx	Maximum Operating Temperature	85°C

Type	Thermally Responsive Bi-Metal Disc
Class	Type III, Switchable Manual Reset—Trip Free
Terminal Stud	M6 (accepts 1/4" Ring Terminal)
Terminal Stud Torque	50 in-lb
Mounting Hole	Accepts 1/4" screw
Weight	Panel Mount 0.33 lb (0.15 kg) Surface Mount 0.38 lb (0.17 kg)

Regulatory

Meets SAE J1171 external ignition protection requirements,
[†]AIC ratings achieved using SAE J1625
 IP67—protected against immersion up to 1 meter for 30 minutes
 CEC marked

Specifications subject to change.
 See www.blueseasystems.com for additional information and specifications.

980006370 Rev.001



7087
Panel mount



7187
Surface mount

285-Series replaces 185-Series

285-SERIES Panel Mount	185-SERIES Panel Mount	285-SERIES Surface Mount	185-SERIES Surface Mount	Amps
PN	PN	PN	PN	
7080	7008	7180	7108	25A DC
7081	7009	7181	7109	30A DC
7082	7005	7182	7105	40A DC
7083	7000	7183	7100	50A DC
7084	7011	7184	7111	60A DC
7085	7012	7185	7112	70A DC
7086	7014	7186	7114	80A DC
7087	7002	7187	7102	100A DC
7088	7013	7188	7113	120A DC
7089	7004	7189	7104	150A DC
7090	-	7190	-	200A DC

285-Series adds 200A to the 185-Series range and eliminates 35A, 90A, and 135A.

285-Series Mounting Options



7098
Bezel mounting adapter allows circuit breaker mounting in a 2-1/8" round hole



7198
Self-trimming molded rubber bezel



1477
360 Panel mount



425 Sequoia Drive
 Bellingham, WA 98226 USA
 p 360.738.8230
 f 800.222.7617 USA and Canada Customer Service
 f 360.734.4195
 conductor@blueseasystems.com
 www.blueseasystems.com