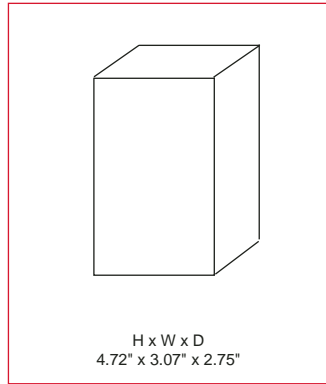


# S1

## 100A

### Standard thermal-magnetic



#### General

The S1 breaker family ranges from 15 through 100 amperes. The S1 trip mechanisms are non-interchangeable and use sensitive electromagnetic relays for overcurrent trip protection. Heat sensitive bimetals are used for thermal rating of the breaker. Lugs are included with the S1 breaker.

#### Number of poles

The S1 is available in three pole or four pole versions. The four pole version is IEC only. For price estimate of a four pole device, add 35% to list price of selected version three pole breaker, contact ABB Control for details.

#### Accessory mounting <sup>Ⓢ</sup>

Shunt trips or undervoltage releases mount in the left cavity. Auxiliary or bell alarm switches mount in the right cavity.

#### Reverse feeding

All versions of the S1 family are suitable for reverse feed applications.

#### UL489 / CSA C22.2 Interrupting capacity (kA RMS)

Voltage	Continuous rating	N
240VAC	15 – 100A	50kA
277/480VAC	15A 20 – 100A	14kA 20kA

#### IEC-947 Interrupting capacity (kA RMS)

Voltage	Continuous rating	N
230VAC	15 – 100A	40kA
380/400/415VAC		25kA
440VAC		16kA
500VAC		12kA
500VAC		12kA

#### S1N

Breaker	IC at 480 VAC	Rating	Magnetic	3 pole catalog number	List price
S1N	14kA	15A	500A	S1N015TL	<b>\$ 392</b>
		20A 25A 30A 40A 50A 60A	500A 500A 500A 500A 500A 600A	S1N020TL S1N025TL S1N030TL S1N040TL S1N050TL S1N060TL	<b>392</b>
	20kA	70A 80A 90A 100A	700A 800A 900A 1000A	S1N070TL S1N080TL S1N090TL S1N100TL	<b>459</b>

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<sup>Ⓢ</sup> Not UL approved for field installation.