

Easy

Assistant Engineer (Electrical), Class 2025

Building Department

A single phase AC switch is used in between a 230 V source and load of 2 kW and 0.8 lagging power factor. Determine the rms current rating required by the SCR.

A

10.87 A

B

87 A

C

21.74 A

Correct

D

32 A

Correct Answer: C

Full Detailed Explanation

Open the live question URL below to read the full explanation, related links and practice flow.

Open live question on website:

<https://sarkariresultout.com/pyq/gu/question/gpsc-ae-electrical-q174-scr-rms-current-rating-with-safety-factor/>