

UNITROL EXCITATION SYSTEMS

Product Data Sheet

3BHE026955R0633 UNS4017A-E Va

thyristorpaket power module

FUNCTION thyristorpaket power module	FAMILY UNITROL Excitation Systems	ORIGIN Switzerland	WEIGHT 9.10 kg
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UNITROL Excitation Systems 3BHE026955R0633 UNS4017A-E Va is a thyristorpaket power module for the UNITROL Excitation Systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Operating Temperature	-40°C to +125°C
Storage Temperature	-40°C to +100°C
Humidity	<95% RH (non-condensing)
Switching Frequency	Up to 5 kHz
Leakage Current	<10 mA
M35	Thyristor Packet
Voltage Rating	1700 V
Isolation	2500 V AC
Gate Trigger	Optically isolated gate drive
Exact Article Code	3BHE026955R0633 UNS4017A-E Va

Device Designation	UNS4017A-E Va
Product Family	UNITROL Excitation Systems
Semiconductor Type	thyristor / diode
Switching Position	Drive power converter stage
Gate Interface	Matched ABB gate unit

- Regulate product blending with Thyristorpaket Power: As part of the component tanks and blend headers, 3BHE026955R0633 UNS4017A-E Va provides its specified system function as a thyristorpaket power module. During blend correction, the system uses this function to adjust component addition from quality feedback, helping it bring the blend toward its release target.
- Integrate compressor-train operation with Thyristorpaket Power: At the control layer of the compressors, seals and antisurge loops, 3BHE026955R0633 UNS4017A-E Va performs its assigned control role as a thyristorpaket power module. During throughput change, the system uses this function to coordinate the control and protection signals for the train, helping it keep the rotating train inside its operating envelope.
- Synchronize filtration backwash with Thyristorpaket Power: In the automation chain for the filter cells and backwash valves, 3BHE026955R0633 UNS4017A-E Va handles its designated signal or control duty as a thyristorpaket power module. During filter loading, the system uses this function to sequence isolation, drain and rinse paths, helping it return the filter to production in a known state.

Match 3BHE026955R0633 UNS4017A-E Va to the installed UNITROL Excitation Systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB UNITROL Excitation Systems documentation](#)

<https://new.abb.com/control-systems>

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