

Full Course Name	AC/DC Power Contactor BMS08../BMS15../BMS30..		
Type of the course	e-learning (online)		
Course ID	SE-CO-elearn-BMS1		
Sécheron Product(s)	BMS 08.04, BMS 08.06, BMS 08.08 (/1 /2 /3), BMS 08.15C; BMS 15.04, BMS 15.06, BMS 15.08 (/1 /2), BMS 15.15C (/1 /2); BMS 30.04, BMS 30.06, BMS 30.08 (/1 /2), BMS 30.15C		
Sécheron Business	Components & Customized solutions		
Contents	<ul style="list-style-type: none"> • Characteristics, main features and typical applications of the BMS power contactor. • History of the BMS power contactors and the evolution • Principle elements, identification, location and description. • Mode of operation: 'Closing', 'Holding' and 'Opening'. • Maintenance of the BMS08../BMS15../BMS30... 		
Course description	<p>The course is composed by a theoretical and a practical part as well as a quiz and assessment module.</p> <p>The theoretical part explains the basic design and functioning of the BMS08../ BMS15../ BMS30.. power contactor. Typical applications are presented.</p> <p>In the practical part, instructions are given how to maintain the contactor. Video tutorials explain each maintenance step in a comprehensive and demonstrative manner.</p> <p>The overall learning success is measured and verified by a quiz and assessment. A result of minimum 80% is required to receive the Certificate of Achievement.</p>		
Target learners	<p>The course is particularly useful for maintenance staff working in the field of rolling stock, AC and/or DC power substations, or other industrial areas.</p> <p>Anyone with an interest in the how Sécheron power contactors function, as well as their design and typical applications of these.</p> <p>Learners who have taken this course will have met all of the learning requirements required for the BMS08../ BMS15../ BMS30.. Certification.</p>		
Required skills	<p>The learner shall meet the following requirements:</p> <ul style="list-style-type: none"> • Fundamental knowledge of electrical engineering • Fundamental knowledge of electromechanic switching devices (Course available) 		
Language	<ul style="list-style-type: none"> • English 		
Schedule and duration	<u>Training module</u>	<u>Training type</u>	<u>Duration</u>
	1. Fundamentals of Electromechanical Switching Devices	Training course, exercises	1 hour
	2. BMS08../BMS15../BMS30..Theory	Training course, exercises, animations	1 hour
	3. BMS08../BMS15../BMS30.. Maintenance	Practical training, maintenance instructions, tutorial videos	Self paced
	4. Quiz and Assessment	Examination	1 hour
	5. Feedback	Online form	0.5 hours
Certificate	Certificate of participation for AC/DC Power Contactors range BMS08../BMS15../BMS30.. (printable)		

