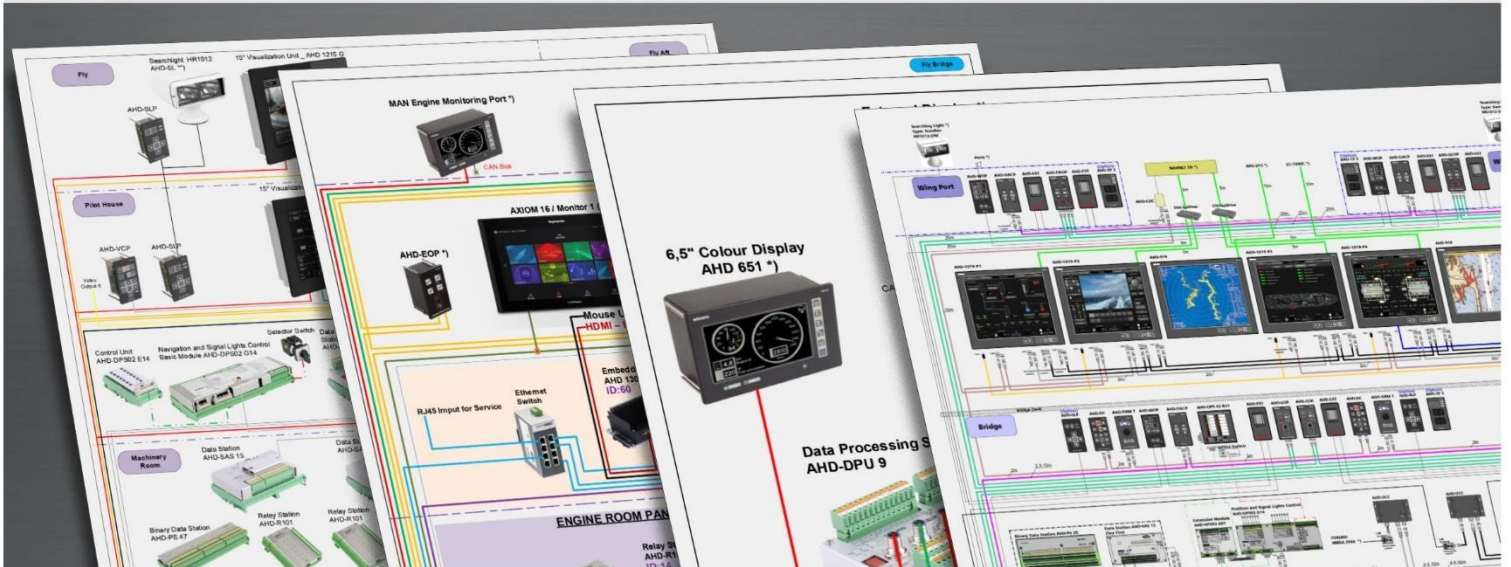


MAN Spare Parts - Price List



Project Business



References



Böning Ship Automation - South America

www.boening.com.br
+55 (19) 3859-1201
+55 (19) 99924-4877
brazil@boening.com


BÖNING
SHIP AUTOMATION

Motores Marítimos MAN – Diesel de Alta-Rotação Fornecimento de Peças Sobressalentes

A Böning desenvolve e produz equipamentos eletrônicos e sistemas de automação para navios e barcos de recreio desde 1977. O fabricante de motores diesel MAN em Nuremberg, na Alemanha, é um de nossos clientes desde 1997. A Böning fornece à MAN a série MMDS para monitoramento, controle e diagnóstico de motores marítimos a diesel de alta rotação. Até à data, mais de 15.000 embarcações, principalmente iates e barcos de serviço, foram equipados com motores MAN, juntamente a eletrônica de motor que desenvolvemos e fabricamos. Desde 2013, fornecemos ao mercado os equipamentos com o logo BÖNING. Peças sobressalentes também estão disponíveis para fornecimento. Estas peças não são fornecidas apenas pela MAN, mas também por venda direta a qualquer cliente.

Os equipamentos e acessórios listados aqui foram desenvolvidos pela BÖNING para monitorar e automatizar os motores a diesel de alta rotação da MAN. Os projetos foram desenvolvidos ao longo de um período de vinte anos e são propriedade da BÖNING Automationstechnologie. Todos os componentes são fabricados nas instalações de Ganderkesee na Alemanha e enviados a todo o mundo. Devido à ampla utilização e longa vida útil dos navios, nos propusemos como meta manter a tecnologia disponível pelo menos até o ano 2045 e isso significa garantir o fornecimento de sobressalentes e peças de reposição.

A seguir, você encontrará nosso catálogo de peças de sobressalentes BÖNING para motores marítimos MAN, incluindo lista de preços e disponibilidade atualizada diariamente no final do catálogo.

Unidade de Projetos BÖNING

A unidade de projetos consiste principalmente em sistemas de automação para embarcações comerciais e de recreio. Os links seguintes levá-lo-ão às nossas referências de clientes e a alguns exemplos de projetos:

www.boening.com/download/Referenzliste_EN.pdf



Referências de Projetos

Abaixo, um link com uma lista de exemplo de projetos:

www.boening.com/schemata/WebLink.pdf



Exemplo de Projeto: Sistema de Partida/Parada, Alarme e Segurança AHD-514

Com parada de emergência para motores auxiliares a diesel, incluindo MAN com EDC 17.

A BÖNING também fornece uma solução completa com sistema de segurança e parada de emergência em conformidade com a classe para a nova geração de motores auxiliares MAN com EDC17, que também segue as diretrizes da MAN sobre esses sistemas. O sistema AHD-514 é certificado pelas principais sociedades de classificação (ABS, BV, CRS, DNV GL, LR, RS). O sistema é flexível e configurável para muitos tipos de motores, além do MAN com EDC17.

OPTIONAL: Bridge / 2nd Station
Display & Operation Unit
AHD 514 OP B



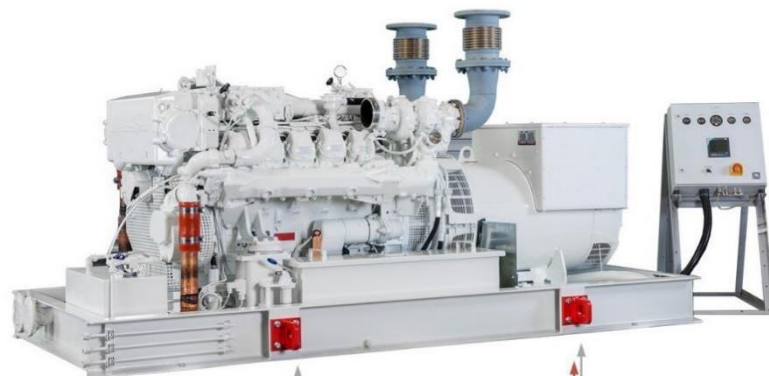
Local Operation Panel
Display & Operation Unit
AHD 514 OP



→ [Faça o download de nossa ficha técnica do sistema AHD-514 para motores auxiliares MAN EDC17.](#)



Diesel Genset



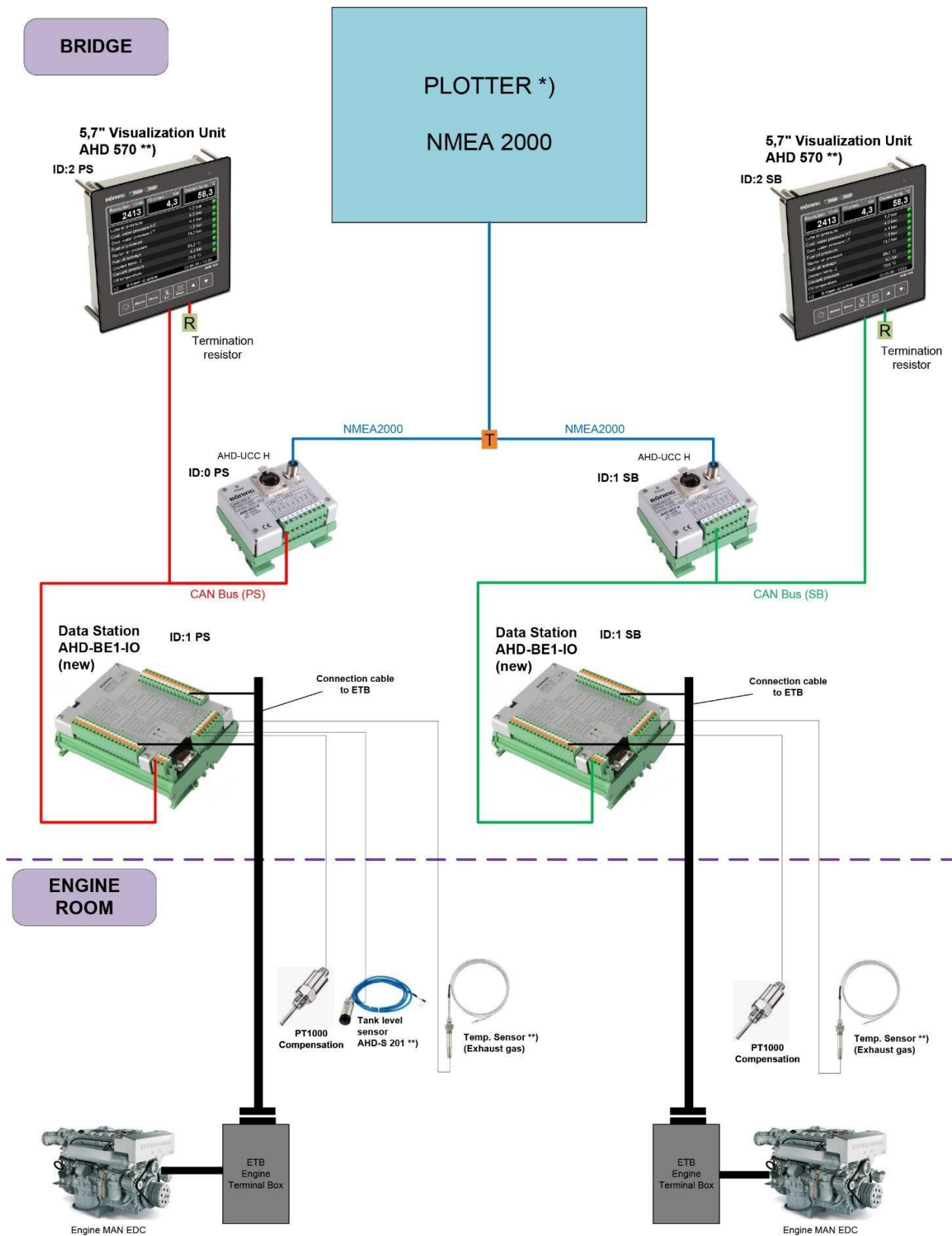
Start/Stop System for
Diesel Engines
AHD 514 A



Safety System with
Emergency Stop
for Diesel Engines
AHD 514 S



Representação Esquemática do Sistema



CAN-Bus 1 engine port
CAN-Bus 2 engine stbd
CAN-Bus 6
T CAN T-Piece
R CAN Termination resistor

*) Customer supply
 **) Optional equipment
 Power supply 24VDC +30% / -25%

Quem Somos

- Fundada em 1977
- Baseada em Ganderkesee, Alemanha (próximo à Bremen)
- Filiais: Brasil, Itália, Croácia, Espanha e Estados Unidos
- Mais de 100 funcionários (17% engenheiros de desenvolvimento)

Administração



Engenharia

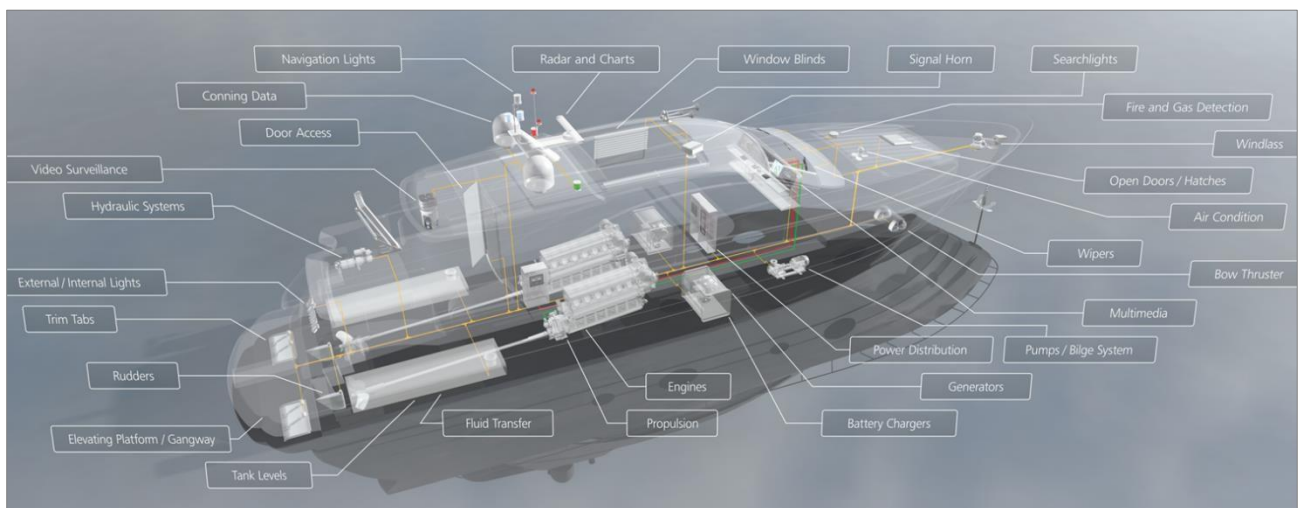


Produção



O que Fazemos

- Desenvolvimento e produção de equipamentos e sistemas para monitoramento e controle de embarcações.



Produção Própria

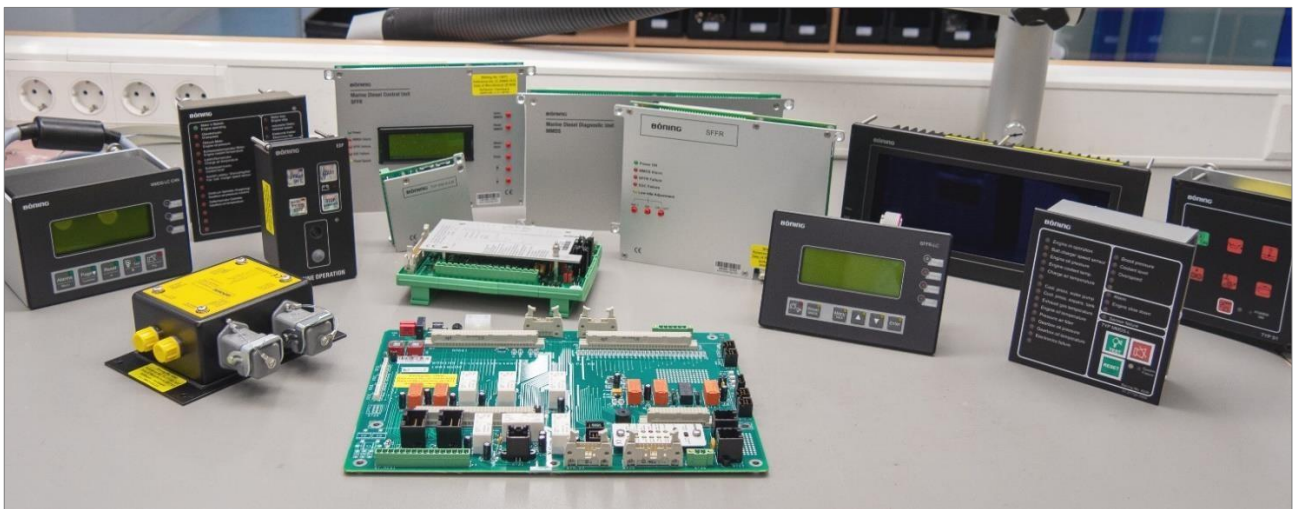
Linha de Produção SMD



Montagem de Peças



Equipamentos



Garantia de Qualidade

Laboratório de Compatibilidade Eletromagnética



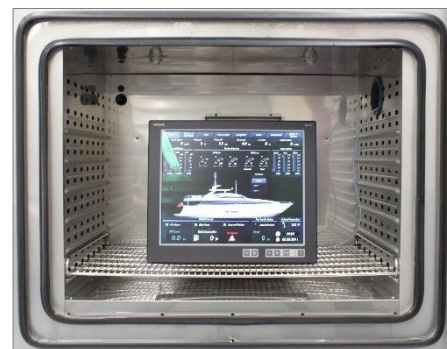
Inspeção Ótica Automática



Simulação e Testes em Fábrica



Câmara Climática

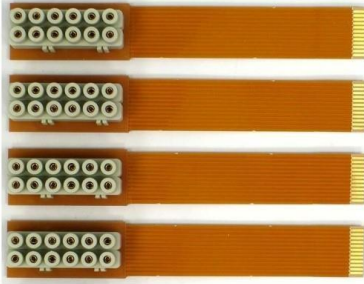





Nossos Serviços






- Vendas de peças novas
- Refits (sistemas para modernização)
- Reparos / peças reconcondicionadas (se disponíveis)
- Projetos customizados
- Adaptação dos dispositivos aos requisitos do cliente



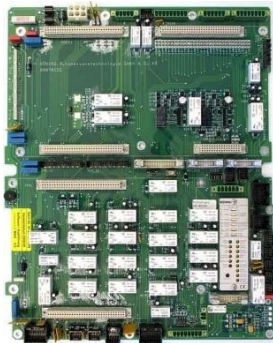


Condições de fornecimento


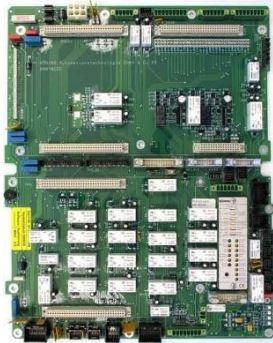

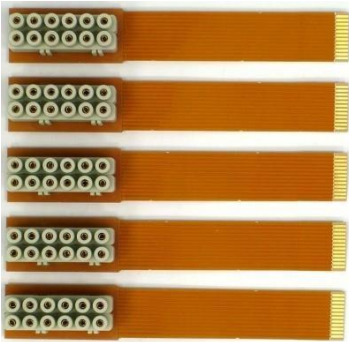
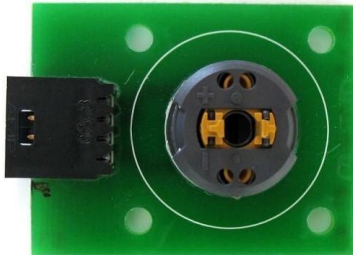
- Preços e disponibilidade sob consulta
- Preços: EXW Valinhos - SP
- Garantia: 12 meses

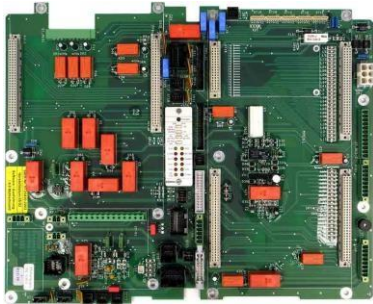
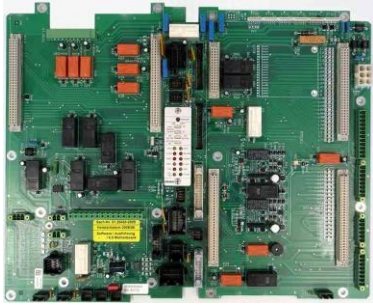
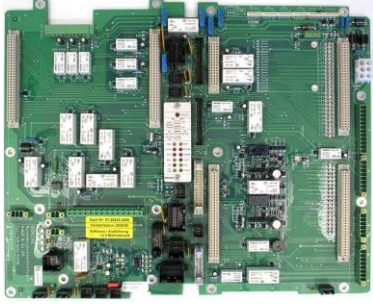

Item No.	Item View	Description
<p>Böning No. 13639BS</p> <p>Reference No. 50.25430-0000</p>		<p>Set 4xFoil Cable VMKK-SU</p>
<p>Böning No. 13355BS</p> <p>Reference No. 50.25430-0001</p>		<p>VMRT5 Buttons SU</p>
<p>Böning No. 13796BS</p> <p>Reference No. 50.25430-0003</p> <p>no longer available replaced by Böning No. 17964BS 50.25430-0003</p>		<p>VMKK Motherboard, Yacht</p>
<p>Böning No. 17964BS</p> <p>Reference No. 50.25430-0003</p>		<p>VMKK Motherboard, Yacht</p>

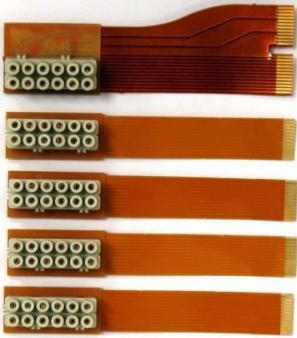






Item No.	Item View	Description
<p>Böning No. 13357BS</p> <p>Reference No. 50.27720-7000</p>		<p>VL-OP</p>
<p>Böning No. 13839BS</p> <p>Reference No. 50.27721-7000</p>		<p>MMDS-CR V2.22A D2848LE423</p>
<p>Böning No. 11716BS</p> <p>Reference No. 50.27721-7001</p>		<p>VMMDS-CLC 8.8 TC</p>
<p>Böning No. 16344</p> <p>Reference No.</p>		<p>Display Cover for CLC 8.8</p>
<p>Böning No. 9037BS</p> <p>Reference No. 51.11615-7141</p>		<p>BE-EDC</p>
<p>Böning No. 9042BS</p> <p>Reference No. 51.11615-7169</p>		<p>EBE-EDC 24VDC V2.1</p>








Item No.	Item View	Description
<p>Böning No. 9044BS</p> <p>Reference No. 51.11615-7243</p>		<p>EBE-EDC 24VDC V3.1 D28</p>
<p>Böning No. 4724BS</p> <p>Reference No. 51.11615-7269</p>		<p>EBE-EDC 24VDC V3.1 D08</p>
<p>Böning No. 4763BS</p> <p>Reference No. 51.11615-7285</p>		<p>EBE-EDC 12VDC V3.1 D28</p>
<p>Böning No. 2227BS</p> <p>Reference No. 51.11615-7324</p>		<p>EBE-EDC 12VDC V3.1 D08</p>
<p>Böning No. 9054BS</p> <p>Reference No. 51.25411-0031</p>		<p>Connection Cable MMDS- DK<->MKK</p>






Item No.	Item View	Description
<p>Böning No. 9035BS</p> <p>Reference No. 51.25430-0005</p>		<p>BE1-IO Terminal Block 18-35</p>
<p>Böning No. 9034BS</p> <p>Reference No. 51.25430-0006</p>		<p>BE1-IO Terminal Block 1-17</p>
<p>Böning No. 10698BS</p> <p>Reference No. 51.25430-0009</p> <p>no longer available replaced by Böning No. 17964BS 50.25430-0003</p>		<p>VMKK Motherboard, Yacht</p>
<p>Böning No. 10805BS</p> <p>Reference No. 51.25430-0010</p>		<p>VMRT3 Buttons</p>
<p>Böning No. 11430BS</p> <p>Reference No. 51.25430-0011</p>		<p>MRT5 Buttons</p>






Item No.	Item View	Description
<p>Böning No. 12884BS</p> <p>Reference No. 51.25430-0012</p> <p>no longer available replaced by Böning No. 17963BS 51.25430-0012</p>		<p>VMKK Motherboard, Class.</p>
<p>Böning No. 17963BS</p> <p>Reference No. 51.25430-0012</p>		<p>VMKK Motherboard, Class.</p>
<p>Böning No. 11880BS</p> <p>Reference No. 51.25430-0013</p>		<p>VMKK Motherboard-SU</p>
<p>Böning No. 2333BS</p> <p>Reference No. 51.25430-2001</p>		<p>Set 5xFoil Cable MKK</p>
<p>Böning No. 2533BS</p> <p>Reference No. 51.25430-2002</p>		<p>MRT1 Emergency Stop Button</p>





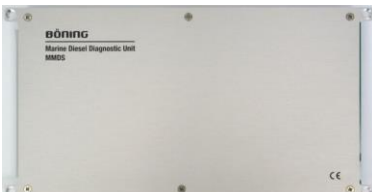
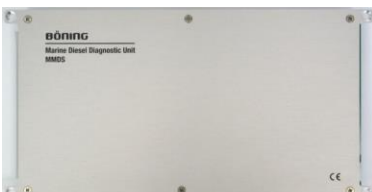
Item No.	Item View	Description
<p>Böning No. 2363BS</p> <p>Reference No. 51.25430-2003</p> <p>no longer available replaced by Böning No. 21310BS 51.25430-2006</p>		<p>MKK Motherboard, Rev.4, 24V</p>
<p>Böning No. 10126BS</p> <p>Reference No. 51.25430-2005</p>		<p>MKK Motherboard, Rev.7, 12V</p>
<p>Böning No. 10102BS</p> <p>Reference No. 51.25430-2006</p>		<p>MKK Motherboard, Rev.7, 24V</p>
<p>Böning No. 21310BS</p> <p>Reference No. 51.25430-2006</p>		<p>MKK Motherb., Rev.7, 24V Kit</p>



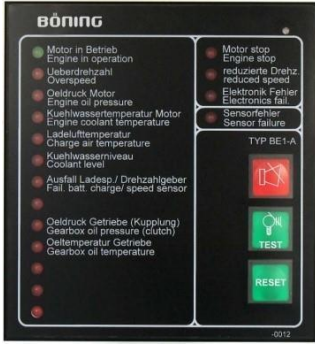
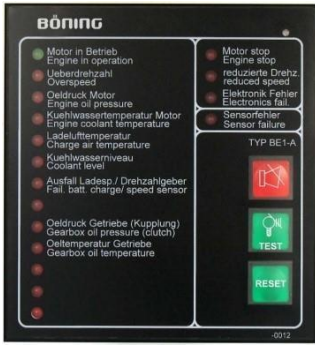
Item No.	Item View	Description
<p>Böning No. 10137BS</p> <p>Reference No. 51.25430-2007</p>		<p>Set 5xFoil Cable MKK Rev.6/7</p>
<p>Böning No. 10335BS</p> <p>Reference No. 51.25430-2008</p>		<p>Foil Cable MKK</p>
<p>Böning No. 10336BS</p> <p>Reference No. 51.25430-2009</p>		<p>Foil Cable (Y-Type) MKK</p>
<p>Böning No. 10078BS</p> <p>Reference No. 51.25430-2010</p>		<p>MRT3 Buttons</p>
<p>Böning No. 11746BS</p> <p>Reference No. 51.25432-0083</p>		<p>EOP Terminator</p>
<p>Böning No. 5007BS</p> <p>Reference No. 51.25435-0157</p>		<p>MMDS Terminal Block, 71-80</p>
<p>Böning No. 5008BS</p> <p>Reference No. 51.25435-0158</p>		<p>MMDS Terminal Block, 21-34</p>

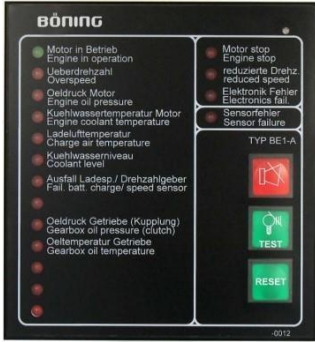
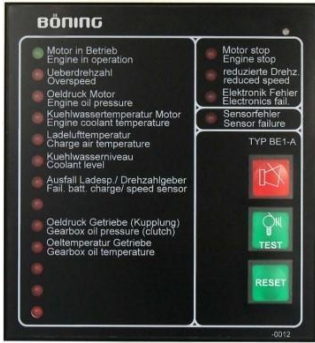
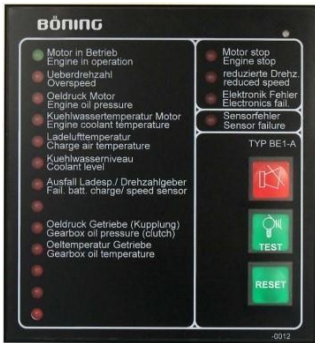

Item No.	Item View	Description
<p>Böning No. 5009BS</p> <p>Reference No. 51.25435-0159</p>		<p>MMDS Terminal Block, 35-52</p>
<p>Böning No. 5010BS</p> <p>Reference No. 51.25435-0160</p>		<p>MMDS Terminal Block, 1-20</p>
<p>Böning No. 5011BS</p> <p>Reference No. 51.25435-0161</p>		<p>MMDS Terminal Block, 81-104</p>
<p>Böning No. 5012BS</p> <p>Reference No. 51.25435-0162</p>		<p>MMDS Terminal Block, 53-70</p>
<p>Böning No. 5013BS</p> <p>Reference No. 51.25435-0163</p>		<p>EBE-EDC Terminal Block, 1-24</p>
<p>Böning No. 5014BS</p> <p>Reference No. 51.25435-0164</p>		<p>EM-R Terminal Block, 1-14</p>
<p>Böning No. 9036BS</p> <p>Reference No. 51.25449-0015</p>		<p>Ribbon Cable BE1-A<->BE1-IO</p>





Item No.	Item View	Description
<p>Böning No. 9050BS</p> <p>Reference No. 51.25449-0042</p>		<p>Connection Cable MMDS<->PC</p>
<p>Böning No. 9053BS</p> <p>Reference No. 51.25449-6029</p>		<p>Connection Cable MMDS-LC/DK-PC</p>
<p>Böning No. 4885BS</p> <p>Reference No. 51.25805-7000</p>		<p>SFFR without internal display</p>
<p>Böning No. 2551BS</p> <p>Reference No. 51.25805-7001</p>		<p>SFFR with internal display</p>
<p>Böning No. 2705BS</p> <p>Reference No. 51.25805-7002</p>		<p>SFFR with internal display</p>

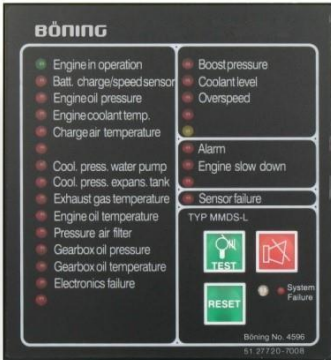



Item No.	Item View	Description
<p>Böning No. 2950BS</p> <p>Reference No. 51.25805-7004</p>		<p>SFFR with internal display</p>
<p>Böning No. 10182BS</p> <p>Reference No. 51.25805-7005</p>		<p>SFFR with internal display</p>
<p>Böning No. 10816BS</p> <p>Reference No. 51.25805-7007</p>		<p>VSFFR with internal display</p>
<p>Böning No. 12673BS</p> <p>Reference No. 51.25805-7012</p>		<p>VSFFR with internal display</p>
<p>Böning No. 10872BS</p> <p>Reference No. 51.25805-7013</p>		<p>VSFFR without internal display</p>

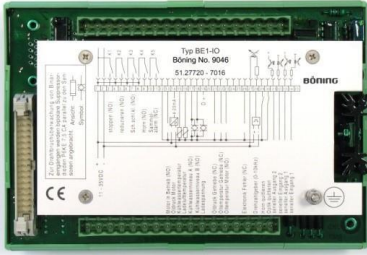


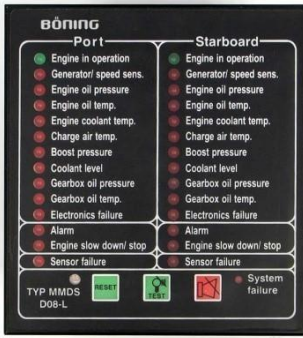

Item No.	Item View	Description
<p>Böning No. 13356BS</p> <p>Reference No. 51.25805-7014</p>		<p>VSFFR with int. display,Class.</p>
<p>Böning No. 10699BS</p> <p>Reference No. 51.25806-7001</p>		<p>VMMDS, Yacht</p>
<p>Böning No. 12515BS</p> <p>Reference No. 51.25806-7002</p>		<p>VMMDS, Yacht</p>
<p>Böning No. 13359BS</p> <p>Reference No. 51.25806-7003</p>		<p>VMMDS, Class.</p>
<p>Böning No. 11610BS</p> <p>Reference No. 51.25806-7004</p>		<p>VMMDS-SU</p>
<p>Böning No. 18093BS</p> <p>Reference No. 51.25806-7006</p>		<p>VMMDS-SU</p>





Item No.	Item View	Description
<p>Böning No. 2567BS</p> <p>Reference No. 51.27700-7000</p>		<p>MDCP</p>
<p>Böning No. 11759V02BS</p> <p>Reference No. 51.27720-0036</p>		<p>EOP Double Key Plastic</p>
<p>Böning No. 9001BS</p> <p>Reference No. 51.27720-6004</p>		<p>BE1-A Master</p>
<p>Böning No. 9011BS</p> <p>Reference No. 51.27720-6005</p>		<p>BE1-A Slave</p>





Item No.	Item View	Description
<p>Böning No. 9018BS</p> <p>Reference No. 51.27720-6020</p>		<p>BE1-A Slave</p>
<p>Böning No. 9009BS</p> <p>Reference No. 51.27720-6023</p>		<p>BE1-A Master</p>
<p>Böning No. 9045BS</p> <p>Reference No. 51.27720-6024</p>		<p>BE1-A Master</p>
<p>Böning No. 9047BS</p> <p>Reference No. 51.27720-6025</p>		<p>BE1-A Slave</p>

Item No.	Item View	Description
<p>Böning No. 9029BS</p> <p>Reference No. 51.27720-7002</p>		<p>BE1-IO Input-/ Output Unit</p>
<p>Böning No. 9030BS</p> <p>Reference No. 51.27720-7003</p>		<p>BE1-IO Input-/ Output Unit</p>
<p>Böning No. 4612BS</p> <p>Reference No. 51.27720-7006</p>		<p>MMDS-DA D/A-Converter</p>
<p>Böning No. 4589BS</p> <p>Reference No. 51.27720-7007</p>		<p>MMDS-SD Serial Distributor</p>

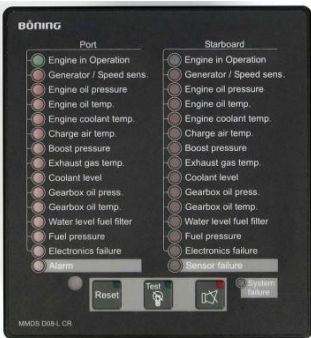



Item No.	Item View	Description
<p>Böning No. 4596BS</p> <p>Reference No. 51.27720-7008</p>		<p>MMDS-L</p>
<p>Böning No. 4074BS</p> <p>Reference No. 51.27720-7012</p>		<p>EM-C Emergency Operation</p>
<p>Böning No. 4623BS</p> <p>Reference No. 51.27720-7013</p>		<p>EM-R Emergency Operation 24V</p>
<p>Böning No. 4184BS</p> <p>Reference No. 51.27720-7015</p> <p>no longer available replaced by Böning No. 4932BS 51.27720-7028</p>		<p>MMDS-LC</p>

Item No.	Item View	Description
<p>Böning No. 9046BS</p> <p>Reference No. 51.27720-7016</p>		<p>BE1-IO Input-/ Output Unit</p>
<p>Böning No. 9043BS</p> <p>Reference No. 51.27720-7017</p>		<p>MMDS-DK Data Concentrator</p>
<p>Böning No. 4181BS</p> <p>Reference No. 51.27720-7018</p>		<p>MMDS-EP Engine Room Panel</p>
<p>Böning No. 4723BS</p> <p>Reference No. 51.27720-7019</p>		<p>MMDS-D08 L</p>
<p>Böning No. 4768BS</p> <p>Reference No. 51.27720-7020</p>		<p>MMDS-DC12</p>



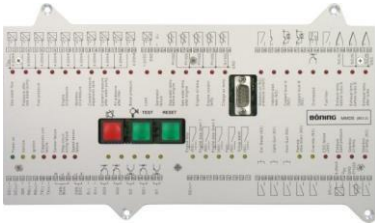
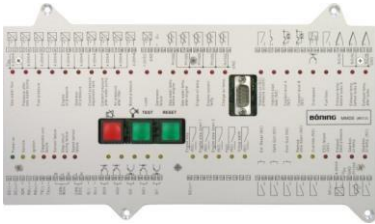
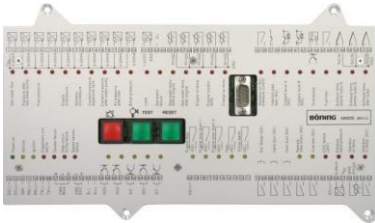
Item No.	Item View	Description
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<p>Böning No. 4789BS</p> <p>Reference No. 51.27720-7022</p> <p>no longer available replaced by Böning No. 4932BS 51.27720-7028</p>		<p>MMDS-LC Version 2.5</p>
<p>Böning No. 4796BS</p> <p>Reference No. 51.27720-7023</p>		<p>MMDS-EP Engine Room Panel</p>
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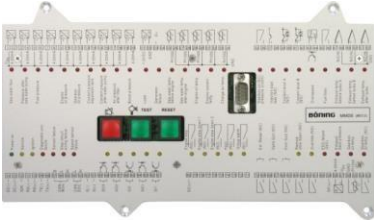
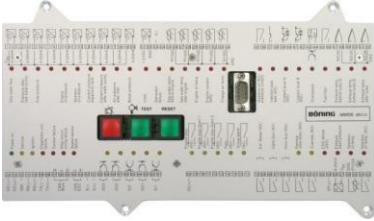
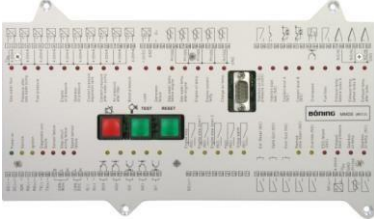
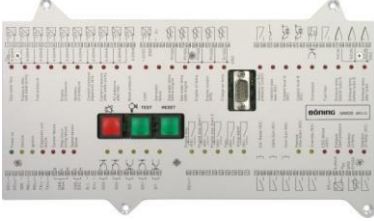
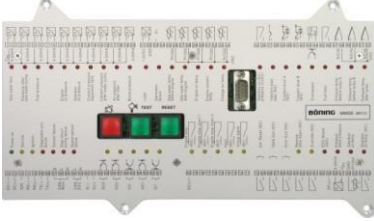
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<p>Böning No. 4932BS</p> <p>Reference No. 51.27720-7028</p>		<p>MMDS-LC Version 2.61</p>
<p>Böning No. 4933BS</p> <p>Reference No. 51.27720-7029</p>		<p>MMDS-EP Engine Room Panel</p>
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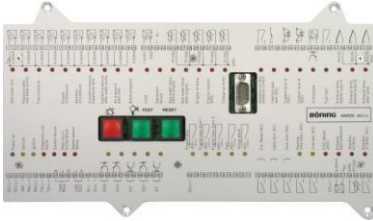
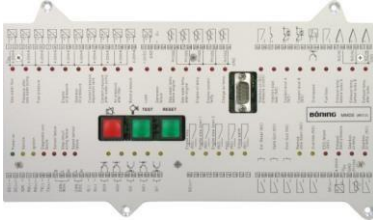
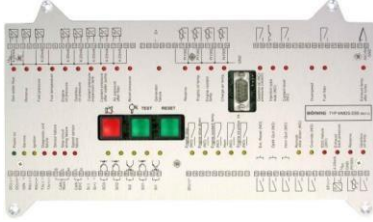
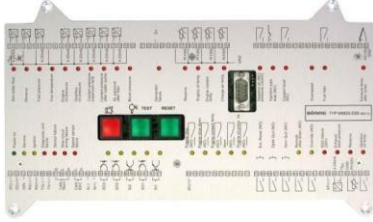
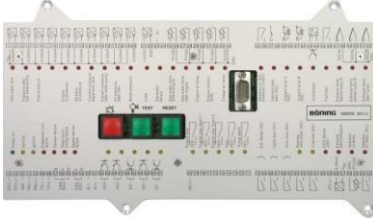
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<p>Böning No. 2530BS</p> <p>Reference No. 51.27720-7034</p>		<p>EM-R CR, 24V</p>
<p>Böning No. 2750BS</p> <p>Reference No. 51.27720-7035</p>		<p>EM-C Emergency Operation CR</p>
<p>Böning No. 4717BS</p> <p>Reference No. 51.27720-7036</p>		<p>S1 Engine Monitoring</p>

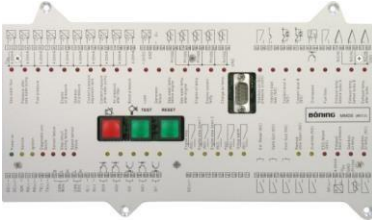
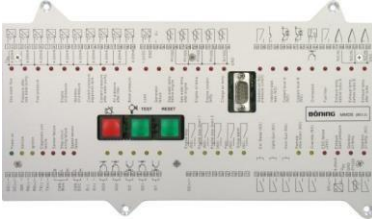
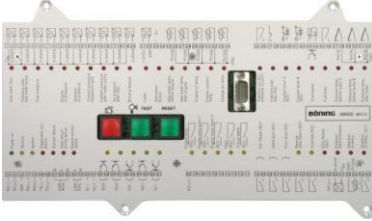
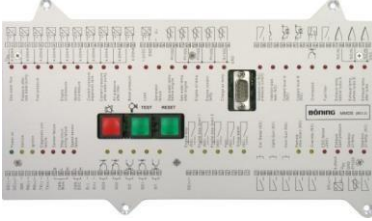
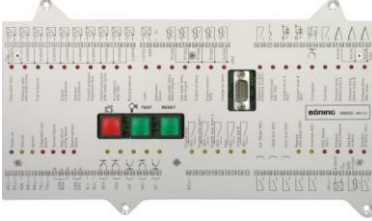
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<p>Böning No. 11428BS</p> <p>Reference No. 51.27720-7039</p>		<p>VSFFR-LC</p>
<p>Böning No. 11407BS</p> <p>Reference No. 51.27720-7040</p>		<p>VEM-OP Emergency Operation</p>
<p>Böning No. 12560BS</p> <p>Reference No. 51.27720-7041</p>		<p>VMMS-CLC R</p>

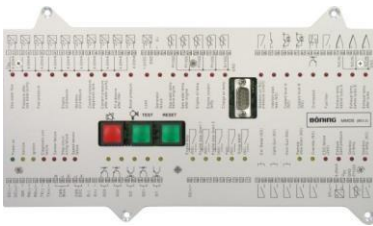
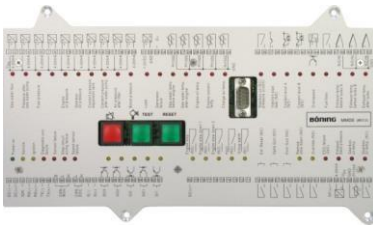
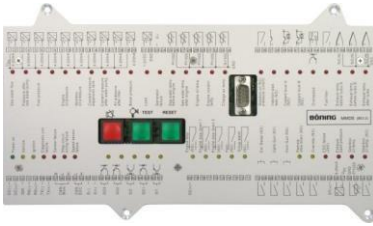
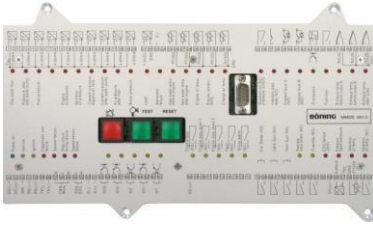
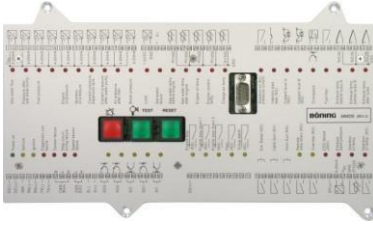
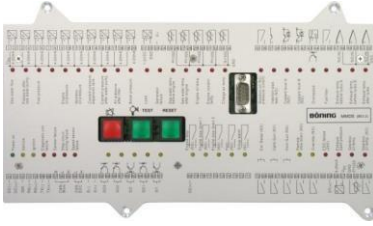
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<p>Böning No. 12221BS</p> <p>Reference No. 51.27720-7043</p>		<p>VMMDS-DEOP</p>
<p>Böning No. 10930BS</p> <p>Reference No. 51.27720-7044</p>		<p>MMDS SDC-R</p>
<p>Böning No. 11611BS</p> <p>Reference No. 51.27720-7045</p>		<p>VMMDS-SU-LC</p>
<p>Böning No. 15326BS</p> <p>Reference No. 51.27720-7046</p>		<p>EM-R, Class., 24V</p>

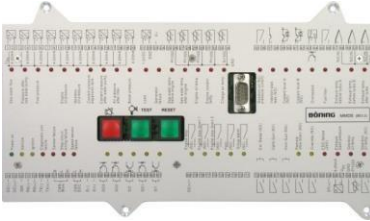
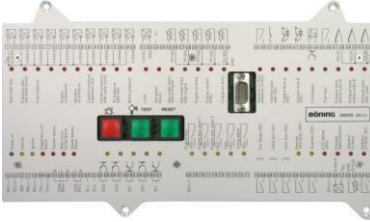
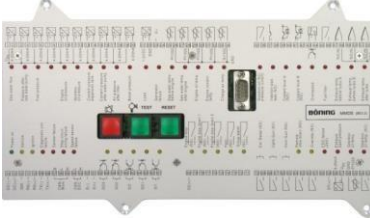
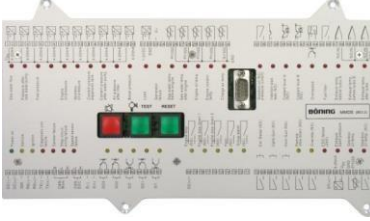
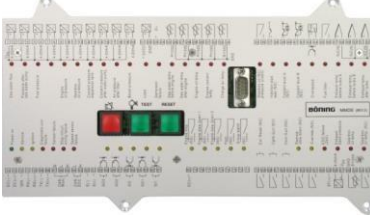
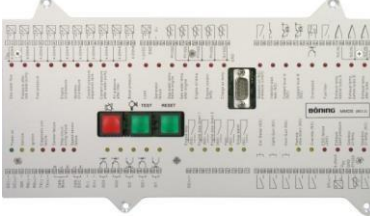
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<p>Böning No. 15057BS</p> <p>Reference No. 51.27720-7048</p>		<p>AHD-EBP</p>
<p>Böning No. 4617BS</p> <p>Reference No. 51.27721-7001</p> <p>no longer available replaced by Böning No. 21174BS 51.27721-7001</p>		<p>MMDS-D28 V2.1A D2876LE401</p>
<p>Böning No. 21174BS</p> <p>Reference No. 51.27721-7001</p>		<p>MMDS-D28 V2.3A-SP D2876LE401</p>
<p>Böning No. 4618BS</p> <p>Reference No. 51.27721-7002</p> <p>no longer available replaced by Böning No. 21175BS 51.27721-7002</p>		<p>MMDS-D28 V2.1B D2840LE403</p>

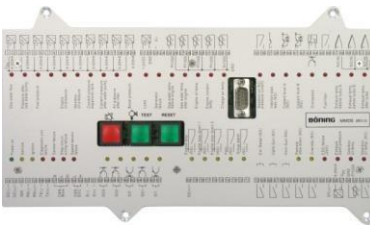
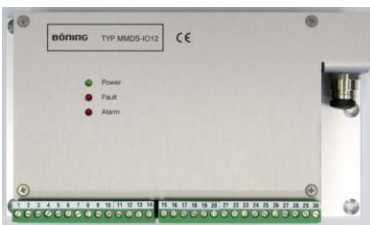



Item No.	Item View	Description
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<p>Böning No. 4619BS</p> <p>Reference No. 51.27721-7003</p> <p>no longer available replaced by Böning No. 21176BS 51.27721-7003</p>		<p>MMDS-D28 V2.1C D2842LE404</p>
<p>Böning No. 21176BS</p> <p>Reference No. 51.27721-7003</p>		<p>MMDS-D28 V2.3C-SP D2842LE404</p>
<p>Böning No. 4745BS</p> <p>Reference No. 51.27721-7005</p> <p>no longer available replaced by Böning No. 21169BS 51.27721-7005</p>		<p>MMDS-D28 V2.1E D2842LE410/415</p>
<p>Böning No. 21169BS</p> <p>Reference No. 51.27721-7005</p>		<p>MMDS-D28 V2.3E-SP D2842LE41x</p>






Item No.	Item View	Description
<p>Böning No. 4758BS</p> <p>Reference No. 51.27721-7006</p> <p>no longer available replaced by Böning No. 21170BS 51.27721-7006</p>		<p>MMDS-D28 V2.23K D2842LE409</p>
<p>Böning No. 21170BS</p> <p>Reference No. 51.27721-7006</p>		<p>MMDS-D28 V2.3K2-SP D2842LE409</p>
<p>Böning No. 4721BS</p> <p>Reference No. 51.27721-7007</p> <p>no longer available replaced by Böning No. 21177BS 51.27721-7007</p>		<p>MMDS-D08 V2.25M4 D0836LE401</p>
<p>Böning No. 21177BS</p> <p>Reference No. 51.27721-7007</p>		<p>MMDS-D08 V2.37M-SP D0836LE401</p>
<p>Böning No. 4744BS</p> <p>Reference No. 51.27721-7008</p> <p>no longer available replaced by Böning No. 21178BS 51.27721-7008</p>		<p>MMDS-D28 V2.1G D2876LE404</p>

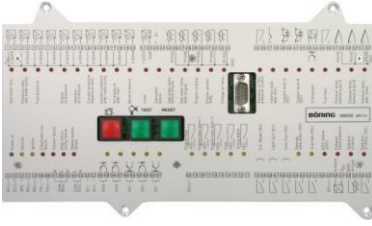
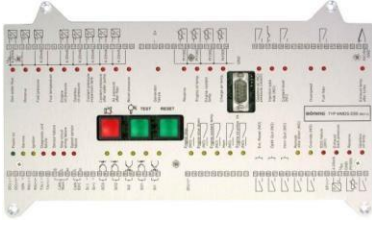
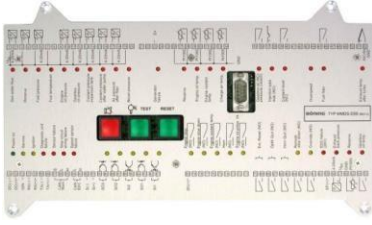
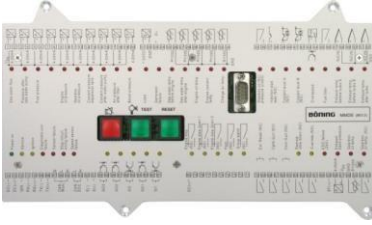


Item No.	Item View	Description
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<p>Böning No. 4761BS</p> <p>Reference No. 51.27721-7010</p> <p>no longer available replaced by Böning No. 21171BS 51.27721-7010</p>		<p>MMDS-D28 V2.15I D2848LE403</p>
<p>Böning No. 21171BS</p> <p>Reference No. 51.27721-7010</p>		<p>MMDS-D28 V2.3I-SP D2848LE403</p>
<p>Böning No. 4762BS</p> <p>Reference No. 51.27721-7011</p> <p>no longer available replaced by Böning No. 21172BS 51.27721-7011</p>		<p>MMDS-D28 V2.16L D2876LE401,12V</p>
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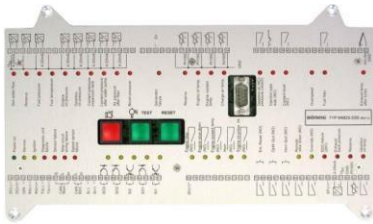
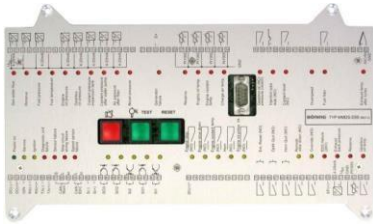
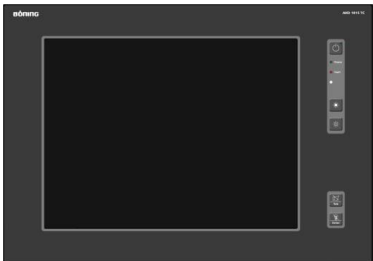



Item No.	Item View	Description
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<p>Böning No. 21173BS</p> <p>Reference No. 51.27721-7012</p>		<p>MMDS-D28 V2.3N-SP D2842LE417</p>
<p>Böning No. 7114BS</p> <p>Reference No. 51.27721-7014</p>		<p>MMDS-D28 V2.3A D2876LE401</p>
<p>Böning No. 7115BS</p> <p>Reference No. 51.27721-7015</p>		<p>MMDS-D28 V2.3L D2876LE401,12V</p>
<p>Böning No. 7116BS</p> <p>Reference No. 51.27721-7016</p>		<p>MMDS-D28 V2.3G D2876LE404</p>
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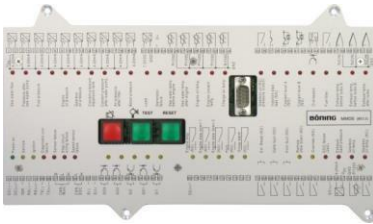
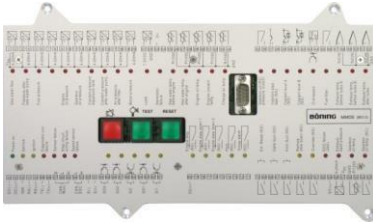


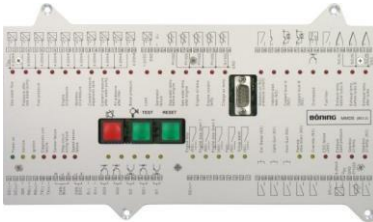

Item No.	Item View	Description
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<p style="text-align: center;"> Böning No. 7121BS Reference No. 51.27721-7021 </p>		<p style="text-align: center;"> MMDS-D28 V2.3E D2842LE410/415 </p>
<p style="text-align: center;"> Böning No. 7122BS Reference No. 51.27721-7022 </p>		<p style="text-align: center;"> MMDS-D28 V2.3K D2842LE409 </p>
<p style="text-align: center;"> Böning No. 7124BS Reference No. 51.27721-7024 </p>		<p style="text-align: center;"> MMDS-D28 V2.3N D2842LE417 </p>
<p style="text-align: center;"> Böning No. 7126BS Reference No. 51.27721-7026 </p>		<p style="text-align: center;"> MMDS-D28 V2.36Q D2842LE407 </p>

Item No.	Item View	Description
<p>Böning No. 7127BS</p> <p>Reference No. 51.27721-7027</p>		<p>MMDS-D28 V2.36P D2876LE402</p>
<p>Böning No. 5048BS</p> <p>Reference No. 51.27721-7028</p>		<p>MMDS-IO12 Riva 44</p>
<p>Böning No. 5026BS</p> <p>Reference No. 51.27721-7029</p> <p>no longer available replaced by Böning No. 16938V02BS 51.27721-7155</p>		<p>MMDS-CLC 6.3 EDC Ferretti</p>
<p>Böning No. 4920BS</p> <p>Reference No. 51.27721-7030</p> <p>no longer available replaced by Böning No. 16938V02BS 51.27721-7155</p>		<p>MMDS-CLC 6.3 EDC Riva 44</p>
<p>Böning No. 5027BS</p> <p>Reference No. 51.27721-7031</p> <p>no longer available replaced by Böning No. 16938V02BS 51.27721-7155</p>		<p>MMDS-CLC 6.3 D2876LE404</p>





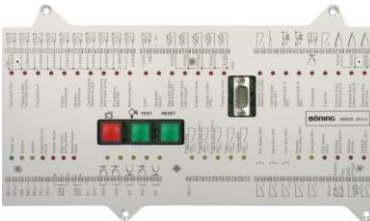
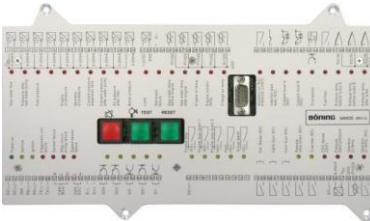
Item No.	Item View	Description
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<p>Böning No. 5029BS</p> <p>Reference No. 51.27721-7033</p> <p>no longer available replaced by Böning No. 16938V02BS 51.27721-7155</p>		<p>MMDS-CLC 6.3 D2840LE403</p>
<p>Böning No. 5030BS</p> <p>Reference No. 51.27721-7034</p> <p>no longer available replaced by Böning No. 16938V02BS 51.27721-7155</p>		<p>MMDS-CLC 6.3 D2840LE409</p>
<p>Böning No. 5031BS</p> <p>Reference No. 51.27721-7035</p> <p>no longer available replaced by Böning No. 16938V02BS 51.27721-7155</p>		<p>MMDS-CLC 6.3 D2842LE404</p>
<p>Böning No. 5032BS</p> <p>Reference No. 51.27721-7036</p> <p>no longer available replaced by Böning No. 16938V02BS 51.27721-7155</p>		<p>MMDS-CLC 6.3 D2842LE407</p>

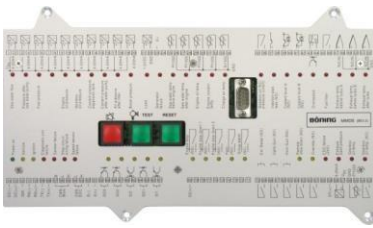
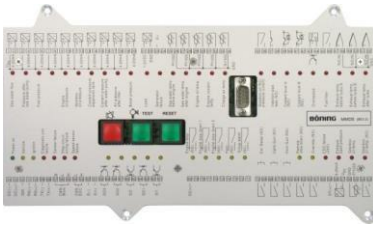
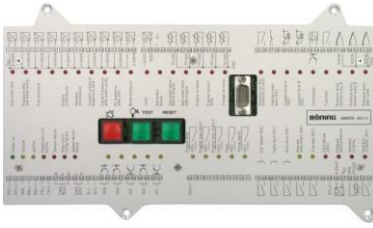
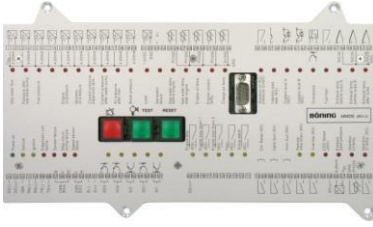
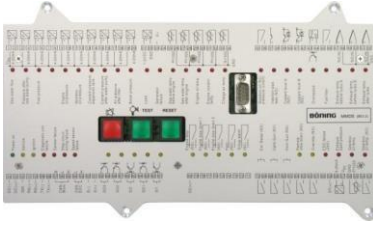
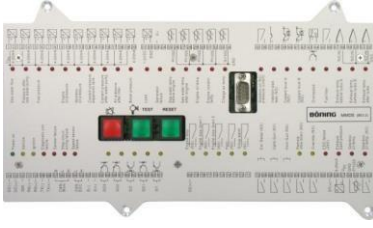
Item No.	Item View	Description
<p>Böning No. 7124BS</p> <p>Reference No. 51.27721-7024</p>		<p>MMDS-D28 V2.3N D2842LE417</p>
<p>Böning No. 7138BS</p> <p>Reference No. 51.27721-7038</p>		<p>MMDS-D08 V2.36O D0836LE401,12V</p>
<p>Böning No. 7139BS</p> <p>Reference No. 51.27721-7039</p>		<p>MMDS-D08 V2.37M D0836LE401</p>
<p>Böning No. 7141BS</p> <p>Reference No. 51.27721-7041</p>		<p>MMDS-D28 V2.36F1 D2842LE410</p>
<p>Böning No. 2362BS</p> <p>Reference No. 51.27721-7042</p>		<p>MMDS-CR V1.80A D2848LE423</p>
<p>Böning No. 2367BS</p> <p>Reference No. 51.27721-7043</p> <p>no longer available replaced by Böning No. 16806V02BS 51.27721-7154</p>		<p>MMDS-CLC 6.3 CR</p>

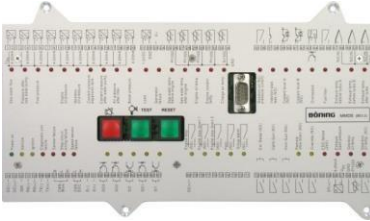
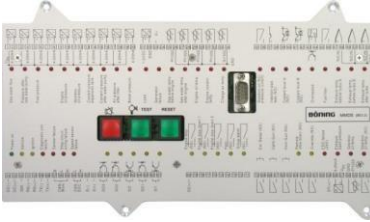
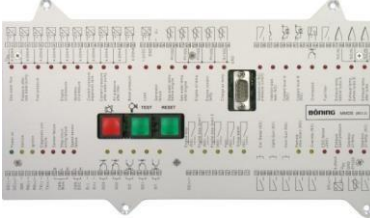
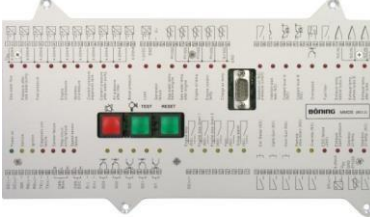
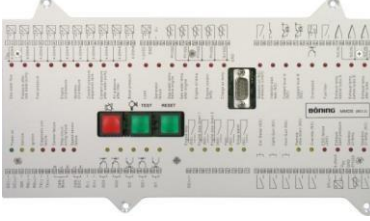

Item No.	Item View	Description
<p>Böning No. 7144BS</p> <p>Reference No. 51.27721-7044</p>		<p>MMDS-D08 V2.37R D0836LE402</p>
<p>Böning No. 7145BS</p> <p>Reference No. 51.27721-7045</p>		<p>MMDS-D08 V2.370 D0836LE401,12V</p>
<p>Böning No. 2302BS</p> <p>Reference No. 51.27721-7046</p> <p>no longer available replaced by Böning No. XXXXXXX</p>		<p>MMDS-CMS S with 3 CAN</p>
<p>Böning No. 2399BS</p> <p>Reference No. 51.27721-7050</p> <p>no longer available replaced by Böning No. 16938V02BS 51.27721-7155</p>		<p>MMDS-CLC 6.3 EDC</p>
<p>Böning No. 2598BS</p> <p>Reference No. 51.27721-7056</p>		<p>MMDS-CR V2.11B1 D2842LE433</p>
<p>Böning No. 7157BS</p> <p>Reference No. 51.27721-7057</p>		<p>MMDS-CR V2.11C D2842LE423</p>

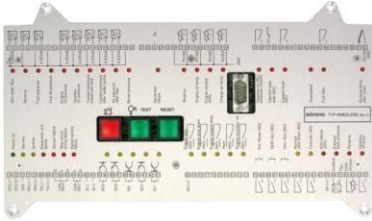
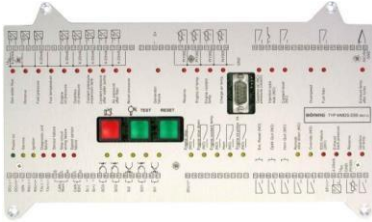
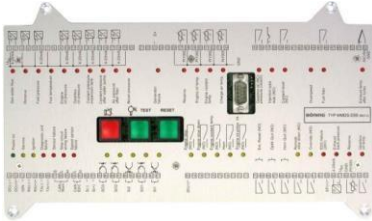
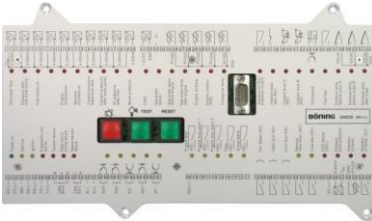
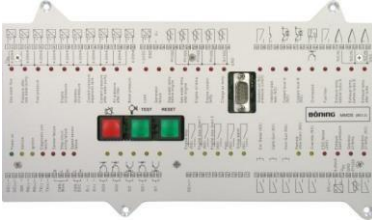

Item No.	Item View	Description
<p>Böning No. 7158BS</p> <p>Reference No. 51.27721-7058</p>		<p>MMDS-D28 V2.36T D2876LE405</p>
<p>Böning No. 7159BS</p> <p>Reference No. 51.27721-7059</p>		<p>MMDS-D28 V2.36U D2876LE405,12V</p>
<p>Böning No. 7160BS</p> <p>Reference No. 51.27721-7060</p>		<p>MMDS-CR V2.11D D2840LE423</p>
<p>Böning No. 7161BS</p> <p>Reference No. 51.27721-7061</p>		<p>MMDS-CR V2.11E1 D2876LE423</p>
<p>Böning No. 7162BS</p> <p>Reference No. 51.27721-7062</p>		<p>MMDS-D28 V2.3K2 D2842LE409</p>
<p>Böning No. 2742BS</p> <p>Reference No. 51.27721-7063</p>		<p>MMDS-CR V2.11A D2848LE423</p>

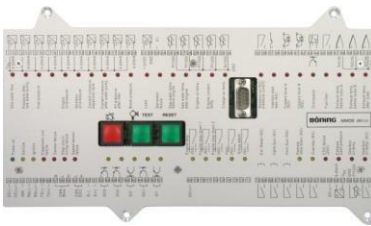





Item No.	Item View	Description
<p>Böning No. 2858BS</p> <p>Reference No. 51.27721-7064</p>		<p>MMDS-LC CAN</p>
<p>Böning No. 7165BS</p> <p>Reference No. 51.27721-7065</p>		<p>MMDS-CR V2.11F D2842LE443</p>
<p>Böning No. 7166BS</p> <p>Reference No. 51.27721-7066</p>		<p>MMDS-CR V2.20G D2848LE422</p>
<p>Böning No. 2887BS</p> <p>Reference No. 51.27721-7067</p> <p>no longer available replaced by Böning No. 16936V02BS 51.27721-7156</p>		<p>MMDS-CLC 6.3 CR (Portrait)</p>
<p>Böning No. 7168BS</p> <p>Reference No. 51.27721-7068</p>		<p>MMDS-CR V2.20E2 D2876LE423</p>
<p>Böning No. 7169BS</p> <p>Reference No. 51.27721-7069</p>		<p>MMDS-CR V2.20A D2848LE423</p>

Item No.	Item View	Description
<p>Böning No. 7170BS</p> <p>Reference No. 51.27721-7070</p>		<p>MMDS-CR V2.20D2 D2840LE423</p>
<p>Böning No. 7171BS</p> <p>Reference No. 51.27721-7071</p>		<p>MMDS-CR V2.20C2 D2842LE423</p>
<p>Böning No. 7172BS</p> <p>Reference No. 51.27721-7072</p>		<p>MMDS-CR V2.20B D2842LE433</p>
<p>Böning No. 7173BS</p> <p>Reference No. 51.27721-7073</p>		<p>MMDS-CR V2.20F1 D2842LE443</p>
<p>Böning No. 7174BS</p> <p>Reference No. 51.27721-7074</p>		<p>MMDS-D28 V2.41A D2876LE401</p>
<p>Böning No. 7175BS</p> <p>Reference No. 51.27721-7075</p>		<p>MMDS-D28 V2.41P D2876LE402</p>





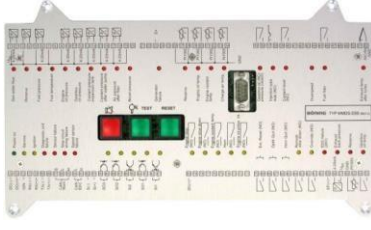
Item No.	Item View	Description
<p>Böning No. 7176BS</p> <p>Reference No. 51.27721-7076</p>		<p>MMDS-D28 V2.41G D2876LE404</p>
<p>Böning No. 7177BS</p> <p>Reference No. 51.27721-7077</p>		<p>MMDS-D28 V2.41I D2848LE403</p>
<p>Böning No. 7178BS</p> <p>Reference No. 51.27721-7078</p>		<p>MMDS-D28 V2.41B D2840LE403</p>
<p>Böning No. 7179BS</p> <p>Reference No. 51.27721-7079</p>		<p>MMDS-D28 V2.41S D2840LE404</p>
<p>Böning No. 7180BS</p> <p>Reference No. 51.27721-7080</p>		<p>MMDS-D28 V2.41C D2842LE404</p>
<p>Böning No. 7181BS</p> <p>Reference No. 51.27721-7081</p>		<p>MMDS-D28 V2.41E D2842LE410/415</p>

Item No.	Item View	Description
<p>Böning No. 7182BS</p> <p>Reference No. 51.27721-7082</p>		<p>MMDS-D28 V2.41H D2842LE416</p>
<p>Böning No. 7183BS</p> <p>Reference No. 51.27721-7083</p>		<p>MMDS-D28 V2.41N2 D2842LE417</p>
<p>Böning No. 7185BS</p> <p>Reference No. 51.27721-7085</p>		<p>MMDS-D28 V2.41Q D2842LE407</p>
<p>Böning No. 7186BS</p> <p>Reference No. 51.27721-7086</p>		<p>MMDS-D28 V2.41T D2876LE405</p>
<p>Böning No. 7187BS</p> <p>Reference No. 51.27721-7087</p>		<p>MMDS-D28 V2.41K D2842LE409</p>
<p>Böning No. 2977BS</p> <p>Reference No. 51.27721-7088</p> <p>no longer available replaced by Böning No. 16806V02BS 51.27721-7154</p>		<p>MMDS-CLC 6.3 Engine Disp Step2</p>

Item No.	Item View	Description
<p>Böning No. 7189BS</p> <p>Reference No. 51.27721-7089</p>		<p>MMDS-D08 V2.41M D0836LE401</p>
<p>Böning No. 7190BS</p> <p>Reference No. 51.27721-7090</p>		<p>MMDS-D08 V2.41O D0836LE401_1</p>
<p>Böning No. 7191BS</p> <p>Reference No. 51.27721-7091</p>		<p>MMDS-D08 V2.41R D0836LE402</p>
<p>Böning No. 7192BS</p> <p>Reference No. 51.27721-7092</p>		<p>MMDS-D28 V2.41L D2842LE409,12V</p>
<p>Böning No. 7193BS</p> <p>Reference No. 51.27721-7093</p>		<p>MMDS-D28 V2.41U D2876LE405</p>
<p>Böning No. 7194BS</p> <p>Reference No. 51.27721-7094</p>		<p>MMDS-CR V2.20M D2848LE423</p>




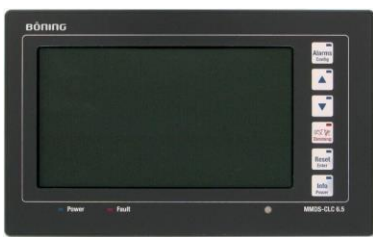

Item No.	Item View	Description
<p>Böning No. 7195BS</p> <p>Reference No. 51.27721-7095</p>		<p>MMDS-D28 V2.41V D2842LE418</p>
<p>Böning No. 7196BS</p> <p>Reference No. 51.27721-7096</p>		<p>MMDS-CR V2.20K2 D0836LE423</p>
<p>Böning No. 7198BS</p> <p>Reference No. 51.27721-7098</p>		<p>MMDS-CR V2.20H D2876LE423, 12V</p>
<p>Böning No. 7199BS</p> <p>Reference No. 51.27721-7099</p>		<p>MMDS-CR V2.20J D2876LE433</p>
<p>Böning No. 10405BS</p> <p>Reference No. 51.27721-7101</p> <p>no longer available replaced by Böning No. 16806V02BS 51.27721-7154</p>		<p>MMDS-CLC 6.3 CR / Step0</p>
<p>Böning No. 10406BS</p> <p>Reference No. 51.27721-7102</p> <p>no longer available replaced by Böning No. 16938V02BS 51.27721-7155</p>		<p>MMDS-CLC 6.3 EDC</p>

Item No.	Item View	Description
<p>Böning No. 10407BS</p> <p>Reference No. 51.27721-7103</p> <p>no longer available replaced by Böning No. 16806V02BS 51.27721-7154</p>		<p>MMDS-CLC 6.3 CR Step2</p>
<p>Böning No. 10408BS</p> <p>Reference No. 51.27721-7104</p> <p>no longer available replaced by Böning No. 16936V02BS 51.27721-7156</p>		<p>MMDS-CLC 6.3 CR (Portrait)</p>
<p>Böning No. 7205BS</p> <p>Reference No. 51.27721-7105</p>		<p>MMDS-CR V2.20C3 D2842LE423</p>
<p>Böning No. 7206BS</p> <p>Reference No. 51.27721-7106</p>		<p>MMDS-CR V2.20N D2842LE423</p>
<p>Böning No. 7208BS</p> <p>Reference No. 51.27721-7108</p>		<p>MMDS-D08 V2.41W D0836LE402</p>


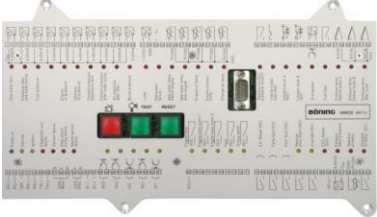
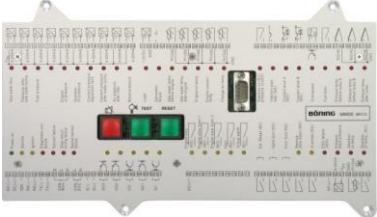
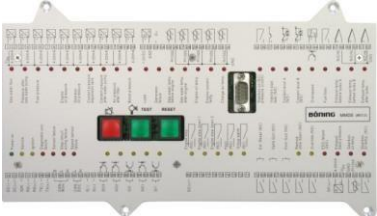
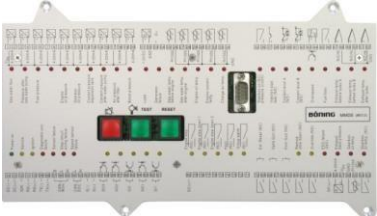
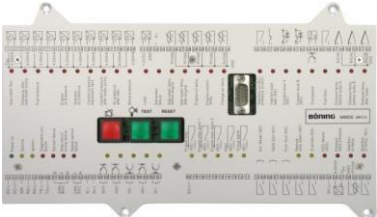
Item No.	Item View	Description
<p>Böning No. 10871BS</p> <p>Reference No. 51.27721-7109</p> <p>no longer available replaced by Böning No. 16658V02BS 51.27721-7153</p>		<p>VMMDS-CLC 6.5</p>
<p>Böning No. 11063BS</p> <p>Reference No. 51.27721-7110</p> <p>no longer available replaced by Böning No. 16806V02BS 51.27721-7154</p>		<p>MMDS-CLC 6.3 CR / Step2</p>
<p>Böning No. 11073BS</p> <p>Reference No. 51.27721-7111</p> <p>no longer available replaced by Böning No. 16938V02BS 51.27721-7155</p>		<p>MMDS-CLC 6.3 EDC V-Classic</p>
<p>Böning No. 7213BS</p> <p>Reference No. 51.27721-7113</p>		<p>MMDS-CR V2.20P D2842LE453</p>
<p>Böning No. 7215BS</p> <p>Reference No. 51.27721-7115</p>		<p>MMDS-D08 V2.41X D0836LE404</p>

Item No.	Item View	Description
<p>Böning No. 11353BS</p> <p>Reference No. 51.27721-7117</p> <p>no longer available replaced by Böning No. 16806V02BS 51.27721-7154</p>		<p>MMDS-CLC 6.3 CR V-Classic</p>
<p>Böning No. 7218BS</p> <p>Reference No. 51.27721-7118</p>		<p>MMDS-CR V2.22K2 D0836LE423</p>
<p>Böning No. 7219BS</p> <p>Reference No. 51.27721-7119</p>		<p>MMDS-CR V2.22L D0836LE423, 12V</p>
<p>Böning No. 7220BS</p> <p>Reference No. 51.27721-7120</p>		<p>MMDS-CR V2.22E D2876LE423</p>
<p>Böning No. 7221BS</p> <p>Reference No. 51.27721-7121</p>		<p>MMDS-CR V2.22H D2876LE423, 12V</p>
<p>Böning No. 7222BS</p> <p>Reference No. 51.27721-7122</p>		<p>MMDS-CR V2.22J D2876LE433</p>

Item No.	Item View	Description
<p>Böning No. 7223BS</p> <p>Reference No. 51.27721-7123</p>		<p>MMDS-CR V2.22M D2848LE423</p>
<p>Böning No. 7224BS</p> <p>Reference No. 51.27721-7124</p>		<p>MMDS-CR V2.22G D2848LE422</p>
<p>Böning No. 7225BS</p> <p>Reference No. 51.27721-7125</p>		<p>MMDS-CR V2.22D3 D2840LE423</p>
<p>Böning No. 7226BS</p> <p>Reference No. 51.27721-7126</p>		<p>MMDS-CR V2.22O D2840LE422</p>
<p>Böning No. 7227BS</p> <p>Reference No. 51.27721-7127</p>		<p>MMDS-CR V2.22C3 D2842LE423</p>
<p>Böning No. 7228BS</p> <p>Reference No. 51.27721-7128</p>		<p>MMDS-CR V2.22B D2842LE433</p>
<p>Böning No. 7229BS</p> <p>Reference No. 51.27721-7129</p>		<p>MMDS-CR V2.22F1 D2842LE443</p>

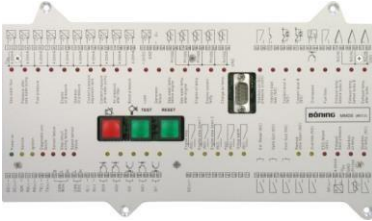
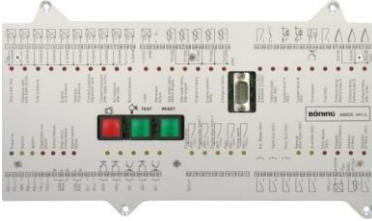

Item No.	Item View	Description
<p>Böning No. 7230BS</p> <p>Reference No. 51.27721-7130</p>		<p>MMDS-CR V2.22N D2842LE422</p>
<p>Böning No. 7231BS</p> <p>Reference No. 51.27721-7131</p>		<p>MMDS-CR V2.22P D2842LE453</p>
<p>Böning No. 7232BS</p> <p>Reference No. 51.27721-7132</p>		<p>MMDS-CR V2.22C2 D2842LE423</p>
<p>Böning No. 12514BS</p> <p>Reference No. 51.27721-7133</p> <p>no longer available replaced by Böning No. 16658V02BS 51.27721-7153</p>		<p>VMMDS-CLC 6.5</p>
<p>Böning No. 12233BS</p> <p>Reference No. 51.27721-7134</p>		<p>MMDS-AP</p>

Item No.	Item View	Description
<p>Böning No. 12607BS</p> <p>Reference No. 51.27721-7135</p> <p>no longer available replaced by Böning No. 16939V02BS 51.27721-7158</p>		<p>VMMDS-CLC 6.5, Class.</p>
<p>Böning No. 12611BS</p> <p>Reference No. 51.27721-7136</p> <p>no longer available replaced by Böning No. 16946V02BS 51.27721-7159</p>		<p>VMMDS-CLC 6.5, MKR Class.</p>
<p>Böning No. 12445BS</p> <p>Reference No. 51.27721-7137</p> <p>no longer available replaced by Böning No. 16936V02BS 51.27721-7156</p>		<p>MMDS-CLC 6.3 CR (Portrait)</p>
<p>Böning No. 12921BS</p> <p>Reference No. 51.27721-7138</p> <p>no longer available replaced by Böning No. 16945V02BS 51.27721-7157</p>		<p>VMMDS-CLC 6.5 (Portrait)</p>

Item No.	Item View	Description
<p>Böning No. 11956BS</p> <p>Reference No. 51.27721-7139</p>		<p>VMMDS-LC CAN</p>
<p>Böning No. 15538BS</p> <p>Reference No. 51.27721-7140</p>		<p>MMDS-D28 V2-41H3-CL(Nava)</p>
<p>Böning No. 15539BS</p> <p>Reference No. 51.27721-7141</p>		<p>MMDS-D28 V2.41F6 D2842LE410A&R</p>
<p>Böning No. 15540BS</p> <p>Reference No. 51.27721-7142</p>		<p>MMDS-D28 V2.41E2 D2842LE410</p>
<p>Böning No. 15541BS</p> <p>Reference No. 51.27721-7143</p>		<p>MMDS-D28 V2.41H2 D2842LE416</p>
<p>Böning No. 15542BS</p> <p>Reference No. 51.27721-7144</p>		<p>MMDS-D28 V2.41N3 D2842LE417</p>

Item No.	Item View	Description
<p>Böning No. 15543BS</p> <p>Reference No. 51.27721-7145</p>		<p>MMDS-D28 V2.41P1 D2876LE402</p>
<p>Böning No. 7246BS</p> <p>Reference No. 51.27721-7146</p>		<p>MMDS-CR V2.22R D2876LE426</p>
<p>Böning No. 7247BS</p> <p>Reference No. 51.27721-7147</p>		<p>MMDS-CR V2.22S D2876LE436</p>
<p>Böning No. 16658V02BS</p> <p>Reference No. 51.27721-7153</p>		<p>MMDS CLC6 V2</p>
<p>Böning No. 16806V02BS</p> <p>Reference No. 51.27721-7154</p>		<p>MMDS CLC6 V2 V-Class</p>
<p>Böning No. 16938V02BS</p> <p>Reference No. 51.27721-7155</p>		<p>MMDS CLC6 V2 V-Class EDC</p>

Item No.	Item View	Description
<p>Böning No. 16936V02BS</p> <p>Reference No. 51.27721-7156</p>		<p>MMDS CLC6 V2 V-Classical (Portr)</p>
<p>Böning No. 16945V02BS</p> <p>Reference No. 51.27721-7157</p>		<p>MMDS CLC6 V2 (Portrait)</p>
<p>Böning No. 16939V02BS</p> <p>Reference No. 51.27721-7158</p>		<p>MMDS CLC6 V2, Class.</p>
<p>Böning No. 16946V02BS</p> <p>Reference No. 51.27721-7159</p>		<p>MMDS CLC6 V2, MKR Class.</p>
<p>Böning No. 18051V02BS</p> <p>Reference No. 51.27721-7160</p>		<p>MMDS CLC6 V2 Twin Engines</p>

Item No.	Item View	Description
<p>Böning No. 21330BS</p> <p>Reference No. Special Version Ikegai</p>		<p>MMDS-D28 V2.41N4 D2842LE417</p>
<p>Böning No. 21331BS</p> <p>Reference No. Special Version Mancraft</p>		<p>MMDS-D28 V2.41E-LD-GOFF</p>
<p>Böning No. 16345</p> <p>Reference No.</p>		<p>Display Cover for CLC 6</p>

