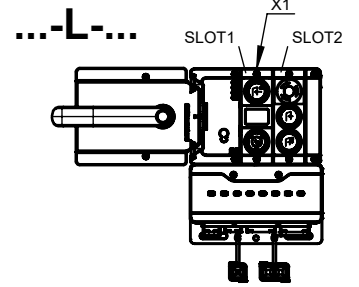
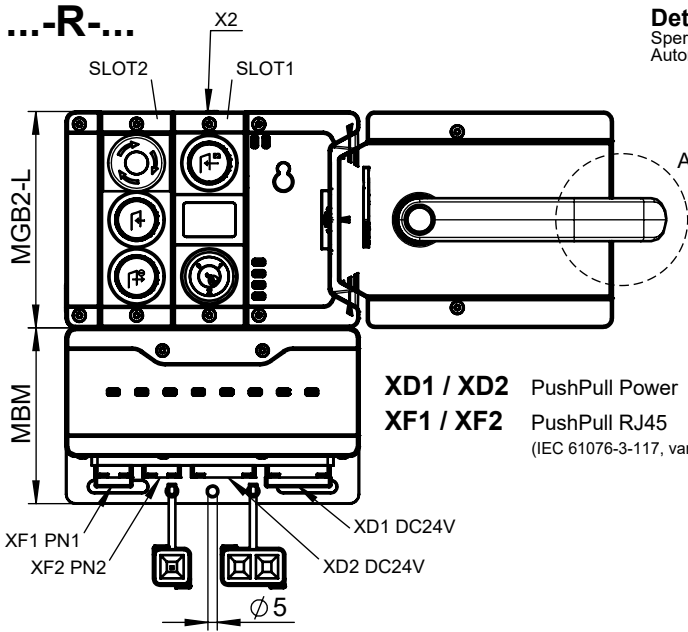


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XD1 / XD2 PushPull Power
XF1 / XF2 PushPull RJ45
 (IEC 61076-3-117, variant 14)

Inklusive:
 - 1 Einlegeschild 17,5x27mm (silber, ohne Aufschrift)
Including:
 - 1 Insertion plate 17,5x27mm (silver, without inscription)



Betriebsanleitung beachten
 (bei Abweichungen zwischen Datenblatt und Betriebsanleitung gelten die Daten des Datenblattes)
Please observe the operating instructions
 (in case of disagreement between data sheet and operating instructions, the information of the data sheet are to be considered)

| | MGB2-L... | MSM... (SLOT1) | MSM... (SLOT2) | AC-NC... (X1) | AC-NC... (X2) | MGB2-H... | MBM... |
|-------------------------------|-----------|----------------|----------------|---------------|---------------|-----------|--------|
| MGB2-L1HB-PN-U-S3-MA-R-166871 | 136776 | 163612 | 163609 | 157024 | 156718 | 136691 | 156310 |
| MGB2-L1HB-PN-U-S3-MA-L-166872 | 136776 | 163612 | 163609 | 156718 | 157024 | 156394 | 156310 |

Übersicht der Kommunikationsdaten:
Overview of the communication data:

Input

| Ethernet ¹⁾ standard | Bit 7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit 2 | Bit 1 | Bit 0 |
|---------------------------------|---------------------------|-------|----------|-------|-------|----------|----------|----------|
| 1st Byte | BM_E_G | - | BM_E_SYS | - | - | BM_E_ML2 | BM_E_ML1 | BM_D_RUN |
| 2nd Byte | Diagnose Byte (pluggable) | | | | | | | |

| Ethernet ¹⁾ standard | Bit 7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit 2 | Bit 1 | Bit 0 |
|---------------------------------|---------------------------|---------|----------|----------|-------|---------|---------|----------|
| 1st Byte | LM_E_G | LM_E_ER | LM_E_SM1 | LM_E_SM0 | - | LM_I_UK | LM_I_SK | LM_D_RUN |
| 2nd Byte | - | - | - | - | - | LM_I_OL | LM_I_OT | LM_I_OD |
| 3rd Byte | Diagnose Byte (pluggable) | | | | | | | |

| Ethernet ¹⁾ standard | Bit 7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit 2 | Bit 1 | Bit 0 |
|---------------------------------|---------------------------|-------|-------|-------|-------|---------|-------|-------|
| 1st Byte | SM_E_S3 | - | - | - | - | SM_I_S3 | - | - |
| 2nd Byte | Diagnose Byte (pluggable) | | | | | | | |

| Ethernet ¹⁾ standard | Bit 7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit 2 | Bit 1 | Bit 0 |
|---------------------------------|---------------------------|-------|---------|-------|-------|---------|---------|---------|
| 1st Byte | - | - | SM_E_S1 | - | - | SM_I_S3 | SM_I_S2 | SM_I_S1 |
| 2nd Byte | Diagnose Byte (pluggable) | | | | | | | |

| Ethernet ¹⁾ SAFE | Bit 7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit 2 | Bit 1 | Bit 0 |
|-----------------------------|-------|-------|-------|-------|----------|----------|----------|----------|
| ! | - | - | - | - | SM_FI_ES | SM_FI_S3 | LM_FI_UK | LM_FI_SK |

Output

| Ethernet ¹⁾ standard | Bit 7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit 2 | Bit 1 | Bit 0 |
|---------------------------------|----------|-------|-------|-------|-------|-------|-------|-------|
| 1st Byte | BM_ACK_G | - | - | - | - | - | - | - |

| Ethernet ¹⁾ standard | Bit 7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit 2 | Bit 1 | Bit 0 |
|---------------------------------|----------|-----------|-------|-------|-------|-------|-------|---------|
| 1st Byte | LM_ACK_G | LM_ACK_ER | - | - | - | - | - | LM_O_CL |

| Ethernet ¹⁾ standard | Bit 7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit 2 | Bit 1 | Bit 0 |
|---------------------------------|-------|-------|-------|-------|-----------|-------|-------|---------|
| 1st Byte | - | - | - | - | SM_O_H1_B | - | - | SM_O_H1 |

| Ethernet ¹⁾ standard | Bit 7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit 2 | Bit 1 | Bit 0 |
|---------------------------------|-------|-------|-----------|-----------|-----------|---------|---------|---------|
| 1st Byte | - | - | SM_O_H3_B | SM_O_H2_B | SM_O_H1_B | SM_O_H3 | SM_O_H2 | SM_O_H1 |

| Ethernet ¹⁾ SAFE | Bit 7 | Bit 6 | Bit 5 | Bit 4 | Bit 3 | Bit 2 | Bit 1 | Bit 0 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|----------|
| ! | - | - | - | - | - | - | - | LM_FO_CL |

¹⁾ Ethernet Protokoll in Abhängigkeit des verwendeten MBM Busmodul / Ethernet protocol according to the used MBM Busmodul