



Form A - EN 175301-803 (DIN43650) / ISO 4400

| Product description | | EN175301-803-A | EN175301-803-A |
|--|--|---|---|
| Standard | | EN175301-803-A | EN175301-803-A |
| Construction type | | A | A |
| Description | integrated gasket (PUR) and central fixing screw (PE) earth in H6 and H12 position (bridged) | P18 connector with moulded cable function indicator (LED) protective circuit (varistor) | P18 connector with moulded cable function indicator (LED) protective circuit (varistor) |
| Housing colour | | black | black |
| Number of contacts | | 2 + PE / PE bridged | 2 + PE / PE bridged |
| Cable type | | H05VV-F VDE 0281-5 PVC | H05VV-F VDE 0281-5 PVC |
| Conductors specification | | 3 G 0,75 mm ² PVC | 3 G 0,75 mm ² PVC |
| Cable length | | 3 m | 3 m |
| Order no. | | MA634V54PA05300 | MA634V55PA05300 |
| Other standard options | cable length 5m, | order no. MA634V54PA05500 | order no. MA634V55PA05500 |
| Cable jacket colour | | black | black |
| Conductor colours | | brown - blue - yellow/green | brown - blue - yellow/green |
| Cable diameter +/-5% | | 6,7 mm | 6,7 mm |
| Cable temperature range | static application flexible application | -15°C to + 70°C | -15°C to + 70°C |
| Drawing | | | |
| Technical data | | | |
| Pin dimension | | 6,3 x 0,8mm; 4,8 x 0,8mm | 6,3 x 0,8mm; 4,8 x 0,8mm |
| Voltage | | 24 V AC/DC | 115 V AC/DC |
| Rated current max. | | 5 A | 5 A |
| Suppressor | | VDR 30 Vrms 0,9 Joule | VDR 130 Vrms 4,5 Joule |
| LED colour | | yellow | yellow |
| Contact resistance | | 15mΩ max. | 15mΩ max. |
| Overvoltage category | | III | III |
| Mounting | | central screw M3 x 28,5mm | central screw M3 x 28,5mm |
| Fixing screw torque | | 0,3 - 0,5 N/m | 0,3 - 0,5 N/m |
| Material | | | |
| Contact material | | CuSn silver plated | CuSn silver plated |
| Contact holder material | | PA6 GF | PA6 GF |
| Overmoulding material | | TPU | TPU |
| Environmental conditions | | | |
| Protection class (EN 60529) | | IP65 , IP67 , [IP69K DIN40050-9] | IP65 , IP67 , [IP69K DIN40050-9] |
| Pollution severity (EN 60664-1) | | 3 | 3 |
| Inflammability class | | | |
| Contact holder | | V0 | V0 |
| Moulded housing | | HB | HB |
| Packaging | | | |
| Minimum quantity | | 100 pieces | 100 pieces |
| Number of boxes suitable : | 2 boxes | MA634V54PA05300 | MA634V55PA05300 |
| | 4 boxes | MA634V54PA05500 | MA634V55PA05500 |
| Approximate weight per box | | 13...15 Kg | 13...15 Kg |
| Box dimension | | 39 x 39 x 19,5 cm | 39 x 39 x 19,5 cm |
| Other cable options on request | | | |
| type (part number) | | (A013) (C033; C053) | (A013) (C033; C053) |
| Technical specifications on cables and accessories see pages 177-181 | | | |

Valve Connectors MA6 series

MOULDED IN CABLE



| | | | |
|---|---|---|---|
| EN175301-803-A | EN175301-803-A | EN175301-803-A | EN175301-803-A |
| A | A | A | A |
| P18 connector with moulded cable function indicator (LED) protective circuit (varistor) | P18 connector with moulded cable function indicator (LED) protective circuit (varistor) | P18 connector with moulded cable function indicator (LED) protective circuit (varistor) | P18 connector with moulded cable function indicator (LED) protective circuit (varistor) |
| black | black | black | black |
| 2 + PE / PE bridged | 2 + PE / PE bridged | 2 + PE / PE bridged | 2 + PE / PE bridged |
| H05VV-F VDE 0281-5 PVC | PVC flame (IEC60332-1) and oil resistance | PVC flame (IEC60332-1) and oil resistance | PVC flame (IEC60332-1) and oil resistance |
| 3 G 0,75 mm ² PVC | 3 G 0,75 mm ² PVC | 3 G 0,75 mm ² PVC | 3 G 0,75 mm ² PVC |
| 3 m | 3 m | 3 m | 3 m |
| MA634V56PA05300 | MA634V54PG05300 | MA634V55PG05300 | MA634V56PG05300 |
| order no. MA634V56PA05500 | order no. MA634V54PG05500 | order no. MA634V55PG05500 | order no. MA634V56PG05500 |
| black | grey RAL 7001 | grey RAL 7001 | grey RAL 7001 |
| brown - blue - yellow/green | black1 - black2 - yellow/green | black1 - black2 - yellow/green | black1 - black2 - yellow/green |
| 6,7 mm | 6,2 mm | 6,2 mm | 6,2 mm |
| -15°C to + 70°C | -30°C to + 70°C | -30°C to + 70°C | -30°C to + 70°C |
| | + 5°C to + 70°C | + 5°C to + 70°C | + 5°C to + 70°C |
| | | | |
| 6,3 x 0,8mm; 4,8 x 0,8mm | 6,3 x 0,8mm; 4,8 x 0,8mm | 6,3 x 0,8mm; 4,8 x 0,8mm | 6,3 x 0,8mm; 4,8 x 0,8mm |
| 230 V AC/DC | 24 V AC/DC | 115 V AC/DC | 230 V AC/DC |
| 5 A | 5 A | 5 A | 5 A |
| VDR 275 Vrms 8,6 Joule | VDR 30 Vrms 0,9 Joule | VDR 130 Vrms 4,5 Joule | VDR 275 Vrms 8,6 Joule |
| yellow | yellow | yellow | yellow |
| 15mΩ max. | 15mΩ max. | 15mΩ max. | 15mΩ max. |
| III | III | III | III |
| central screw M3 x 28,5mm | central screw M3 x 28,5mm | central screw M3 x 28,5mm | central screw M3 x 28,5mm |
| 0,3 - 0,5 N/m | 0,3 - 0,5 N/m | 0,3 - 0,5 N/m | 0,3 - 0,5 N/m |
| CuSn silver plated | CuSn silver plated | CuSn silver plated | CuSn silver plated |
| PA6 GF | PA6 GF | PA6 GF | PA6 GF |
| TPU | TPU | TPU | TPU |
| IP65 , IP67 , [IP69K DIN40050-9] | IP65 , IP67 , [IP69K DIN40050-9] | IP65 , IP67 , [IP69K DIN40050-9] | IP65 , IP67 , [IP69K DIN40050-9] |
| 3 | 3 | 3 | 3 |
| V0 | V0 | V0 | V0 |
| HB | HB | HB | HB |
| 100 pieces | 100 pieces | 100 pieces | 100 pieces |
| MA634V56PA05300 | MA634V54PG05300 | MA634V55PG05300 | MA634V56PG05300 |
| MA634V56PA05500 | MA634V54PG05500 | MA634V55PG05500 | MA634V56PG05500 |
| 13...15 Kg | 13...15 Kg | 13...15 Kg | 13...15 Kg |
| 39 x 39 x 19,5 cm | 39 x 39 x 19,5 cm | 39 x 39 x 19,5 cm | 39 x 39 x 19,5 cm |
| (A013) (C033; C053) | | | |

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