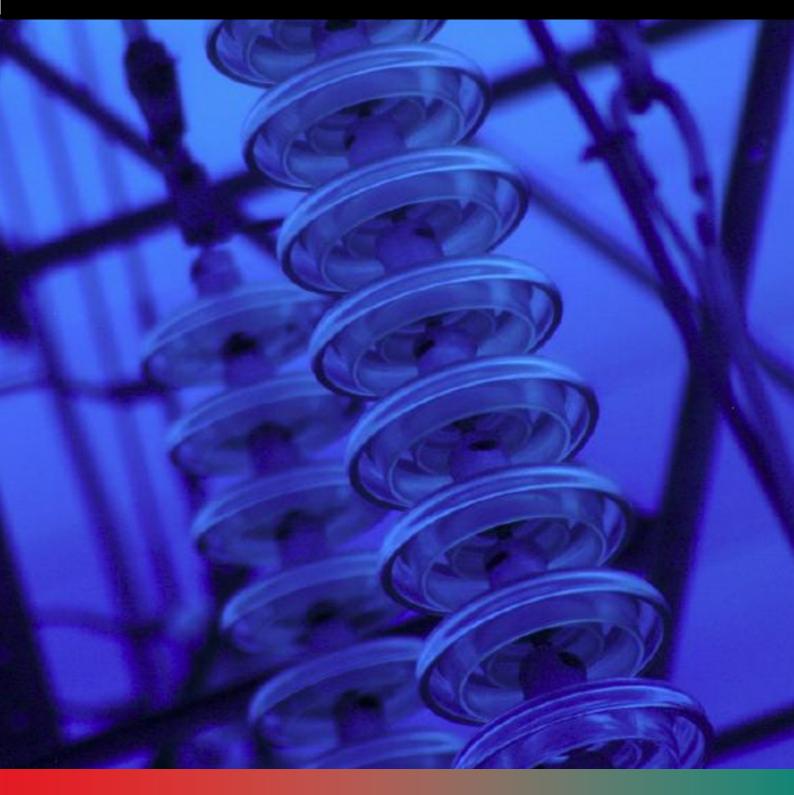
Assessment List ALP 2-1

Issue 1 March 2010

PROTECTION RELAYS





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APPROVAL NOTICES

Please note: these notices are no longer maintained and users should review any information contained within them to ensure it is still valid.

| Manufactu | Manufacturer product | | Tune of | | | Assessment | | | Limitatio | |
|------------------|----------------------|--|-----------------------|--------|-------|------------|------------------|------------------|--------------|---|
| Manufacturer | reference | Functional description | Type of Assessment | Number | Issue | date | Software Version | Hardware Version | ns Yes/No | Notes |
| AREVA T&D UK LTD | KCEG 110/210 | Directional earth fault overcurrent relay | AN | 1 | 2 | 06/04/1995 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | KCEG 130/230 | Directional three phase overcurrent relay | AN | 1 | 2 | 06/04/1995 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | KCEG 140/240 | Directional three phase and earth fault overcurrent relay | AN | 1 | 2 | 06/04/1995 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | KCEG 150/250 | Directional earth fault and non-directional overcurrent relay | AN | 1 | 2 | 06/04/1995 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | KCEG 160 | Directional earth fault relay with dual polarisation | AN | 1 | 2 | 06/04/1995 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | KCEU 110 | Directional sensitive earth fault overcurrent relay | AN | 1 | 2 | 06/04/1995 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | KCEU 140/240 | Directional three phase and sensitive earth fault overcurrent relay | AN | 1 | 2 | 06/04/1995 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | KCEU 150/250 | Directional sensitive earth fault and non- directional overcurrent relay | AN | 1 | 2 | 06/04/1995 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | KCEU 160 | Directional sensitive earth fault relay with dual polarisation | AN | 1 | 2 | 06/04/1995 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | KCGG 110/210 | Earth fault overcurrent relay | AN | 1 | 2 | 06/04/1995 | | | | Approval notices are no longer maitained and are for information |
| AREVA T&D UK LTD | KCGG 120 | Two phase overcurrent relay | AN | 1 | 2 | 06/04/1995 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | KCGG 130/230 | Three phase overcurrent relay | AN | 1 | 2 | 06/04/1995 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | KCGG 140/240 | Three phase and earth fault overcurrent relay | AN | 1 | 2 | 06/04/1995 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | KCGU 110 | Sensitive earth fault overcurrent relay | AN | 1 | 2 | 06/04/1995 | | | | Approval notices are no longer maitained and are for information |
| AREVA T&D UK LTD | KCGU 140/240 | Three phase and sensitive earth fault overcurrent relay | AN | 1 | 2 | 06/04/1995 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MITZ 03 | Optical to electrical [X21] interface | AN | 3 | 1 | 30/01/1995 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | PRIMA PRH N | Compact, voltage operated attracted armature auxiliary relay with instantaneous auxiliary functions | AN | 4 | 2 | 17/12/1996 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | PRIMA PRS D | Compact, voltage operated attracted armature auxiliary relay with instantaneous and time delayed (on drop-off) auxiliary functions | AN | 4 | 2 | 17/12/1996 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | PRIMA PRS N | Compact, voltage operated attracted armature auxiliary relay with instantaneous auxiliary functions | AN | 4 | 2 | 17/12/1996 | | | | Approval notices are no longer maitained and are for information only |

| Mani | Manufacturer product | | Turo of | | | Assessment | | | Limitatio | |
|-----------------------------------|----------------------|---|-----------------------|--------|-------|------------|------------------|------------------|--------------|---|
| Manufacturer | reference | Functional description | Type of Assessment | Number | Issue | date | Software Version | Hardware Version | ns Yes/No | Notes |
| AREVA T&D UK LTD | PRIMA PRS P | Compact, voltage operated attracted armature auxiliary relay with instantaneous and time delayed (on pick-up) auxiliary functions | AN | 4 | 2 | 17/12/1996 | | | | Approval notices are no longer maitained and are for information only |
| Siemens Protection Devices Ltd | DAD3 | Three pole high impedance circulating current protection relay | AN | 5 | 1 | 02/01/1997 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | LGPG 111 | Generator protection relay | AN | 6 | 1 | 02/02/1997 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | SHPM 101 (QUADRAMHC | Static Distance Protection relay. | AN | 7 | 1 | 20/08/1986 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | LFZP 111 (OPTIMHO) | Static Distance protection for overhead line feeders. Full scheme 18 element. Quadrilateral/Mho characteristic. | AN | 8 | 1 | 03/03/1993 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | LFZP 112 (OPTIMHO) | Static Distance protection for overhead line feeders. Full scheme 18 element. Mho characteristic. | AN | 8 | 1 | 03/03/1993 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | LFZP 113 (OPTIMHO) | Static Distance protection for cable feeders. Full scheme 18 element. Mho characteristic. | AN | 8 | 1 | 03/03/1993 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | LFZP 114 (OPTIMHO) | Static Distance protection for transformer feeders. Z1 and Z2 elements only. Mho characteristic. | AN | 8 | 1 | 03/03/1993 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | LFZP 121 (OPTIMHO) | Static Distance Protection | AN | 8 | 1 | 03/03/1993 | | | | Approval notices are no longer maitained and are for information |
| AREVA T&D UK LTD | LFZP 122 (OPTIMHO) | Static Distance Protection. | AN | 8 | 1 | 03/03/1993 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | LFZP 123 (OPTIMHO) | Static Distance Protection. | AN | 8 | 1 | 03/03/1993 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | LFZP 151 (OPTIMHO) | Static Distance Protection. | AN | 8 | 1 | 03/03/1993 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MRTP (TRANSLAY 'S') | High speed differential feeder protection using pilots comprising Translay 'S' relay, supervision, overcurrent start and unstabilising. | AN | 9 | 1 | 22/07/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MCGG 22 | Single phase/earth fault inverse and definite time o/c relay. | AN | 10 | 1 | 21/02/1989 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MCGG 42 | Two phase inverse and definite time o/c relay. | AN | 10 | 1 | 21/02/1989 | | | | Approval notices are no longer maitained and are for information |
| AREVA T&D UK LTD | MCGG 52 | Two phase and earth fault inverse and definite time o/c relay. | AN | 10 | 1 | 21/02/1989 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MCGG 53 | Two phase and earth fault inverse and definite time o/c relay. | AN | 10 | 1 | 21/02/1989 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MCGG 62 | Three phase inverse and definite time o/c relay. | AN | 10 | 1 | 21/02/1989 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MCGG 63 | Three phase inverse and definite time o/c relay. | AN | 10 | 1 | 21/02/1989 | | | | Approval notices are no longer maitained and are for information only |

| Mar | Manufacturer product | | Type of | | | Assessment | | | Limitatio | |
|---------------------------------|------------------------|--|------------|--------|-------|------------|------------------|------------------|--------------|---|
| Manufacturer | reference | Functional description | Assessment | Number | Issue | date | Software Version | Hardware Version | ns Yes/No | Notes |
| AREVA T&D UK LTD | MCGG82 | Three phase & earth fault inverse and definite time o/c relay. | AN | 10 | 1 | 21/02/1989 | | | | Approval notices are no longer maitained and are for information |
| | | line of relay. | | | | | | | | only |
| ABB Power Oy, Vaasa, Finland | SPAE 010/011 | Lisk impedance protection relay | AN | 11 | 1 | 05/11/1997 | | | | Approval notices are no longer maitained and are for information |
| Finland | SPAE 010/011 | High impedance protection relay | | | | 05/11/1997 | | | | only |
| ABB Power Oy, Vaasa, | | | AN | 12 | 1 | | | | | Approval notices are no longer |
| Finland | SPAD 346C | Stabilised transformer differential protection | | | | 05/11/1997 | | | | maitained and are for information |
| ABB Power Oy, Vaasa, | | | AN | 13 | 1 | | | | | Approval notices are no longer |
| Finland | SPAA 341C | Feeder protection relay | | 10 | | 05/11/1997 | | | | maitained and are for information |
| Schneider Electric SA. | | | AN | 14 | 1 | | | | | Approval notices are no longer |
| Varces, France | Sepam 1000 NO1 | Three-phase overcurrent and earth fault protection and measurement unit | | | - | 31/07/1997 | | | | maitained and are for information |
| | | protection and measurement unit | | | | | | | | only |
| AREVA T&D UK LTD | | | AN | 15 | 1 | | | | | Approval notices are no longer |
| | SHNB 105 (MICROMHO) | Static Distance Protection. | | | | 02/10/1997 | | | | maitained and are for information |
| AREVA T&D UK LTD | | | AN | 17 | 1 | | | | | only Approval notices are no longer |
| AREVAILOUKLID | MBCH12 | Biased differential transformer protection (two | AN | 17 | I | 19/01/1988 | | | | maitained and are for information |
| | | winding transformer). | | | | 10/01/1000 | | | | only |
| AREVA T&D UK LTD | | Discord differential transformer protection (three | AN | 17 | 1 | | | | | Approval notices are no longer |
| | MBCH13 | Biased differential transformer protection (three winding transformer). | | | | 19/01/1988 | | | | maitained and are for information |
| | | | | | | | | | | only |
| AREVA T&D UK LTD | MEQUIA | | AN | 17 | 1 | 40/04/4000 | | | | Approval notices are no longer |
| | MBCH16 | Biased differential transformer protection. | | | | 19/01/1988 | | | | maitained and are for information only |
| AREVA T&D UK LTD | | | AN | 18 | 1 | | | | | Approval notices are no longer |
| | MSTZ02 | DC to DC converter with monitor relay. | , | 10 | | 14/11/1983 | | | | maitained and are for information |
| | | | | | | | | | | only |
| AREVA T&D UK LTD | | | AN | 19 | 1 | | | | | Approval notices are no longer |
| | HSDI-3 | Voice frequency digital intertripping equipment. | | | | 22/10/1990 | | | | maitained and are for information |
| Schneider Electric SA, | | | AN | 21 | 1 | | | | | only Approval notices are no longer |
| Varces, France | Sepam 2000 NO1 | Digital Protection and Control Unit | AN | 21 | 1 | 25/06/1998 | | | | maitained and are for information |
| valooo, i lanoo | 00000000 | | | | | 20,00,1000 | | | | only |
| ABB Network Partner Ltd, | | Numerical Busbar and Breaker Failure | AN | 22 | 1 | | | | | Approval notices are no longer |
| Baden, Switzerland | REB 500 | Protection | | | | 29/06/1998 | | | | maitained and are for information |
| | | | | | | | | | | only |
| AREVA T&D UK LTD | LFZR 111 | Numerical distance protection | AN | 23 | 3 | 09/07/2002 | | | | Approval notices are no longer maitained and are for information |
| | | Numerical distance protection | | | | 09/07/2002 | | | | only |
| AREVA T&D UK LTD | | | AN | 23 | 3 | | | | | Approval notices are no longer |
| | LFZR 112 | Numerical distance protection | | 20 | Ũ | 09/07/2002 | | | | maitained and are for information |
| | | | | | | | | | | only |
| AREVA T&D UK LTD | | | AN | 23 | 3 | | | | | Approval notices are no longer |
| | LFZR 113 | Numerical distance protection | | | | 09/07/2002 | | | | maitained and are for information |
| Siemens Protection | | l | AN | 24 | 1 | | | | | only |
| Devices Ltd | SOLKOR M | Voice frequency current differential protection | AIN | 24 | 1 | 01/07/1993 | | | | Approval notices are no longer maitained and are for information |
| 201.000 Elu | 001.000 | size nequency current differential protection | | | | 00./1000 | | | | only |
| AREVA T&D UK LTD | | High speed differential feeder protection using | AN | 25 | 1 | | | | | Approval notices are no longer |
| | ICRI MVTW (TRANSLAY 'S | pilots comprising Translay 'S' relay, supervision, | | | | 22/07/1985 | | | | maitained and are for information |
| | | overcurrent start and unstabilising. | | | | | | | | only |
| AREVA T&D UK LTD | | Medules instantoneous a surveitar sultant | AN | 26 | 1 | 02/40/4005 | | | | Approval notices are no longer |
| | MVTI11 | Modular instantaneous a. c. undervoltage relay. | 1 | | | 03/10/1985 | | 1 | 1 | maitained and are for information |

| | Manufacturer product | | Type of | | | Assessment | | | Limitatio | |
|--|----------------------|---|------------|--------|-------|------------|------------------|------------------|--------------|---|
| Manufacturer | reference | Functional description | Assessment | Number | Issue | date | Software Version | Hardware Version | ns Yes/No | Notes |
| AREVA T&D UK LTD | MVTI12 | Modular instantaneous a. c. overvoltage relay. | AN | 26 | 1 | 03/10/1985 | | | | Approval notices are no longer maitained and are for information only |
| ABB Power Automation AG, Turgi, Switzerland | NSD70C | Teleprotection | AN | 27 | 1 | 30/11/1998 | | | | Approval notices are no longer maitained and are for information only |
| Siemens Protection Devices Ltd | 7SA513 | Numerical Distance Protection | AN | 28 | 1 | 26/03/1999 | | | | Approval notices are no longer maitained and are for information only |
| Siemens Protection Devices Ltd | DCD 22xA Argus 2 | Directional Overcurrent & Earth Fault Protection | AN | 29 | 1 | 24/05/1999 | | | | Approval notices are no longer maitained and are for information only |
| Siemens Protection Devices Ltd | DCD 61xB Argus 2 | Directional Overcurrent & Earth Fault Protection | AN | 29 | 1 | 24/05/1999 | | | | Approval notices are no longer maitained and are for information |
| Siemens Protection Devices Ltd | DCD 61xC Argus 2 | Directional Overcurrent & Earth Fault Protection | AN | 29 | 1 | 24/05/1999 | | | | Approval notices are no longer maitained and are for information only |
| Siemens Protection Devices Ltd | DCD 62xB Argus 2 | Directional Overcurrent & Earth Fault Protection | AN | 29 | 1 | 24/05/1999 | | | | Approval notices are no longer maitained and are for information only |
| Siemens Protection Devices Ltd | DCD 62xC Argus 2 | Directional Overcurrent & Earth Fault Protection | AN | 29 | 1 | 24/05/1999 | | | | Approval notices are no longer maitained and are for information only |
| Siemens Protection Devices Ltd | DCD 63xB Argus 2 | Directional Overcurrent & Earth Fault Protection | AN | 29 | 1 | 24/05/1999 | | | | Approval notices are no longer maitained and are for information only |
| Siemens Protection Devices Ltd | DCD 63xC Argus 2 | Directional Overcurrent & Earth Fault Protection | AN | 29 | 1 | 24/05/1999 | | | | Approval notices are no longer maitained and are for information only |
| Siemens Protection Devices Ltd | DCD 64xB Argus 2 | Directional Overcurrent & Earth Fault Protection | AN | 29 | 1 | 24/05/1999 | | | | Approval notices are no longer maitained and are for information only |
| Siemens Protection Devices Ltd | DCD 64xC Argus 2 | Directional Overcurrent & Earth Fault Protection | AN | 29 | 1 | 24/05/1999 | | | | Approval notices are no longer maitained and are for information only |
| Siemens Protection Devices Ltd | XR309 | Ferro-resonance Detection Relay | AN | 31 | 1 | 24/05/1999 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | LFCB102 | Digital Current Differential feeder protection relay suitable for double ended feeders. | AN | 32 | 1 | 04/01/1991 | | | | Approval notices are no longer maitained and are for information |
| AREVA T&D UK LTD | LFCB103 | Digital Current Differential feeder protection relay suitable for teed feeders. | AN | 32 | 1 | 04/01/1991 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | LFCB112 | Digital Current Differential feeder protection relay suitable for double ended feeders with stub bus protection | AN | 32 | 1 | 04/01/1991 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | LFCB113 | Digital Current Differential feeder protection relay suitable for teed feeders with stub bus protection | AN | 32 | 2 | 04/01/1991 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | ICTH MFAC (TRANSLAY | Transformer feeder protection comprising Translay S Relays/ Transformer in-rush detectors/ High impedence relays. | AN | 33 | 1 | 04/01/1989 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVTD11 | Modular inverse time delayed a. c. undervoltage relay. | AN | 34 | 1 | 03/10/1985 | | | | Approval notices are no longer maitained and are for information only |

| Ма | Manufacturer product | | Type of | | | Assessment | | | Limitatio | |
|-----------------------------------|-----------------------|---|------------|--------|-------|--------------|------------------|------------------|--------------|---|
| Manufacturer | reference | Functional description | Assessment | Number | Issue | date | Software Version | Hardware Version | ns Yes/No | Notes |
| AREVA T&D UK LTD | MVTD12 | Modular inverse time delayed a. c. overvoltage relay. | AN | 34 | 1 | 03/10/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVTD13 | Modular inverse time delayed a. c. neutral displacement relay. | AN | 34 | 1 | 03/10/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVTT14 (DC) | Modular solid state time delay relay. Delay on pick-up. | AN | 35 | 1 | 10/01/1983 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVTT15 (DC) | Modular solid state time delay relay. Delay on drop-off. | AN | 35 | 1 | 10/01/1983 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVTU11 | Modular definite time delayed a. c. undervoltage relay. | AN | 36 | 2 | 03/10/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVTU12 | Modular definite time delayed a. c. overvoltage. | AN | 36 | 2 | 03/10/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVTU13 | Modular definite time delayed a. c. and neutral displacement | AN | 36 | 2 | 03/10/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | K10 (TKBB) | HF power line carrier signalling equipment. | AN | 37 | 1 | 26/07/1976 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | P10 (CONTRAPHASE) | Power line carrier Phase comparison protection. | AN | 38 | 1 | 30/05/1975 | | | | Approval notices are no longer maitained and are for information |
| AREVA T&D UK LTD | MBCI (TRANSLAY 'S') | High speed differential feeder protection using pilots comprising Translay 'S' relay, supervision, overcurrent start and unstabilising. | AN | 39 | 1 | 22/07/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | IBCI MFAC (TRANSLAY ' | Transformer feeder protection comprising Translay S Relays/ Transformer in-rush detectors/ High impedence relays. | AN | 39 | 1 | 04/01/1989 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MCSU01 | Modular sensitive earth fault protection. | AN | 40 | 1 | 28/11/1984 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | METI11 | Modular directional relays. | AN | 41 | 1 | 14/11/1983 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | METI12 | Modular directional relays. | AN | 41 | 1 | 14/11/1983 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | METI31 | Modular directional relays. | AN | 41 | 1 | 14/11/1983 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVTP11 | Modular relay for continuous supervision of current transformer buswires in high impedance type busbar protection schemes. | AN | 42 | 1 | 13/08/1984 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVTP31 | Modular relay for continuous supervision of current transformer buswires in high impedance type busbar protection schemes. | AN | 42 | 1 | 13/08/1984 | | | | Approval notices are no longer maitained and are for information only |
| Siemens Protection Devices Ltd | MICROPHASE-FM | Voice Frequency current differential feeder protection. | AN | 45 | 1 | re-assessmen | t 1/2/2000 | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | KCGG 122 | Overcurrent Relay | AN | 47 | 2 | 28/02/2000 | | | | Approval notices are no longer maitained and are for information only |

| Manufacturer product reference | Functional description | Type of | Number | Issue | | ment Software Version | Hardware Version | | |
|-----------------------------------|---|--|---|--|--|---|--|--|---|
| | | Assessment | Number | issue | date | Software Version | Hardware Version | ns Yes/No | Notes |
| | Self-powered three-phase overcurrent and | AN | 50 | 1 | | | | | Approval notices are no longer |
| VIP 300 | earth fault protection unit. | | | | 15/03/2000 | | | | maitained and are for information |
| | Distributed Bushar/Circuit Breaker Failure | AN | 51 | 1 | | | | | Approval notices are no longer |
| 7SS52 | Protection | | | | 18/12/2000 | | | | maitained and are for information |
| | | AN | 52 | 1 | | | | | only Approval notices are no longer |
| MICOM SERIES CASE | | , | 02 | | 17/04/2001 | | | | maitained and are for information |
| | | | | | | | | | only |
| | Digital Teleprotection | AN | 53 | 1 | 03/04/2001 | | | | Approval notices are no longer maitained and are for information |
| NGDTOD | | | | | 03/04/2001 | | | | only |
| | | AN | 54 | 1 | | | | | Approval notices are no longer |
| GCM05 | DC Intertrip Relay | | | | 17/04/2001 | | | | maitained and are for information |
| | | AN | 55 | 2 | | | | | only Approval notices are no longer |
| DFF Series 1000 | Digital Frequency Relay | | 55 | 2 | 24/10/2001 | | | | maitained and are for information |
| | 5 ··· · · · · · · · · · · · · · · · · · | | | | | | | | only |
| | | AN | 57 | 1 | 0.4/0.0/0.000 | | | | Approval notices are no longer |
| SEL 321-2 | Phase and Ground Distance Protection Relay | | | | 01/06/2002 | | | | maitained and are for information |
| | | AN | n/a | n/a | | | | | Approval notices are no longer |
| N/(:AA11 | o 1 1 | | | | 24/10/1984 | | | | maitained and are for information |
| | auxiliary relay. | | | | | | | | only |
| MCA 412 | Modular general purpose current operated | AN | n/a | n/a | 24/10/1084 | | | | Approval notices are no longer maitained and are for information |
| MCAATS | auxiliary relay. | | | | 24/10/1904 | | | | only |
| | | AN | n/a | n/a | | | | | Approval notices are no longer |
| MCAG11 | Modular instantaneous overcurrent relay. | | | | 20/03/1985 | | | | maitained and are for information |
| | | A.N. | 2/2 | <i>n/a</i> | | | | | only |
| MCAG12 | Modular instantaneous overcurrent relav | AIN | n/a | n/a | 20/03/1985 | | | | Approval notices are no longer maitained and are for information |
| | | | | | | | | | only |
| | | AN | n/a | n/a | | | | | Approval notices are no longer |
| MCAG14 | Modular high impedance differential protection. | | | | 26/06/1984 | | | | maitained and are for information only |
| | | AN | n/a | n/a | | | | | Approval notices are no longer |
| MCAG19 | | , | | | 11/07/1984 | | | | maitained and are for information |
| | negligible transient overreach. | | | | | | | | only |
| MCACOA | | AN | n/a | n/a | 20/02/4085 | | | | Approval notices are no longer |
| MCAG31 | Modular instantaneous overcurrent relay. | | | | 20/03/1985 | | | | maitained and are for information |
| | | AN | n/a | n/a | | | | | Approval notices are no longer |
| MCAG32 | Modular instantaneous overcurrent relay. | | | | 20/03/1985 | | | | maitained and are for information |
| | | | 1 | , | - | | | | only |
| MCAG34 | Modular high impedance differential protection | AN | n/a | n/a | 26/06/1984 | | | | Approval notices are no longer maitained and are for information |
| morteoq | modular high impedence differential protection. | | | | 20/00/1004 | | | | only |
| | Modular instantaneous relay with negligible | AN | n/a | n/a | | | | | Approval notices are no longer |
| MCAG39 | transient overreach. | | | | 11/07/1984 | | | | maitained and are for information |
| | | | | | + + | | | | only Approval notices are no longer |
| 1D and 4&1/2D size cases | Drawout case. | AN | n/a | n/a | 04/08/1955 | | | | maitained and are for information |
| | | | | | | | | | only |
| | | | | | | | | | Approval notices are no longer |
| CDG11 | Induction disc overcurrent relay (1 pole). | AN | n/a | n/a | 04/08/1955 | | | | maitained and are for information only |
| | NSD70D GCM05 DFF Series 1000 SEL 321-2 MCAA11 MCAA13 MCAG11 MCAG12 MCAG14 MCAG14 MCAG31 MCAG31 MCAG32 MCAG34 MCAG39 ID and 4&1/2D size cases | ProtectionMiCOM SERIES CASEHousing system for the MiCOM range of protection and control equipmentNSD70DDigital TeleprotectionGCM05DC Intertrip RelayDFF Series 1000Digital Frequency RelaySEL 321-2Phase and Ground Distance Protection RelayMCAA11Modular general purpose current operated auxiliary relay.MCAA13Modular general purpose current operated auxiliary relay.MCAG11Modular instantaneous overcurrent relay.MCAG12Modular instantaneous overcurrent relay.MCAG14Modular instantaneous overcurrent relay.MCAG19Modular instantaneous overcurrent relay.MCAG31Modular instantaneous overcurrent relay.MCAG32Modular instantaneous overcurrent relay.MCAG34Modular instantaneous overcurrent relay.MCAG39Modular instantaneous relay with negligible transient overreach.ID and 4&1/2D size casesDrawout case. | 7SS52 Distributed Busbar/Circuit Breaker Failure MiCOM SERIES CASE Housing system for the MiCOM range of protection and control equipment AN NSD70D Digital Teleprotection AN GCM05 DC Intertrip Relay AN DFF Series 1000 Digital Frequency Relay AN SEL 321-2 Phase and Ground Distance Protection Relay AN MCAA11 Modular general purpose current operated auxiliary relay. AN MCAG11 Modular instantaneous overcurrent relay. AN MCAG12 Modular instantaneous overcurrent relay. AN MCAG14 Modular instantaneous overcurrent relay. AN MCAG19 Modular instantaneous overcurrent relay. AN MCAG31 Modular instantaneous overcurrent relay. AN MCAG31 Modular instantaneous overcurrent relay. AN MCAG34 Modular instantaneous overcurrent relay. AN MCAG34 Modular instantaneous overcurrent relay. AN MCAG34 Modular instantaneous overcurrent relay. AN MCAG39 Modular instantaneous overcurrent relay. AN MCAG39 Modular instantaneous overcurrent relay.< | 7SS52 Distributed Busbar/Circuit Breaker Failure An 52 MiCOM SERIES CASE Housing system for the MiCOM range of protection and control equipment AN 53 NSD70D Digital Teleprotection AN 53 GCM05 DC Intertrip Relay AN 54 DFF Series 1000 Digital Frequency Relay AN 55 SEL 321-2 Phase and Ground Distance Protection Relay AN 57 MCAA11 Modular general purpose current operated auxiliary relay. AN n/a MCAA13 Modular general purpose current operated auxiliary relay. AN n/a MCAG11 Modular instantaneous overcurrent relay. AN n/a MCAG12 Modular instantaneous overcurrent relay. AN n/a MCAG14 Modular instantaneous overcurrent relay. AN n/a MCAG13 Modular instantaneous overcurrent relay. AN n/a MCAG31 Modular instantaneous overcurrent relay. AN n/a MCAG31 Modular instantaneous overcurrent relay. AN n/a MCAG31 Modular instantaneous overcurrent relay. AN n/a <td>7SS52Distributed Busbar/Circuit Breaker Failure ProtectionAN521MICOM SERIES CASE protection and control equipmentAN531NSD70DDigital TeleprotectionAN531GCM05DC Intertrip RelayAN541DFF Series 1000Digital Trequency RelayAN552SEL 321-2Phase and Ground Distance Protection RelayAN571MCAA11Modular general purpose current operated auxiliary relay.ANn/an/aMCAG11Modular instantaneous overcurrent relay.ANn/an/aMCAG12Modular instantaneous overcurrent relay.ANn/an/aMCAG14Modular instantaneous overcurrent relay.ANn/an/aMCAG14Modular instantaneous overcurrent relay.ANn/an/aMCAG14Modular instantaneous overcurrent relay.ANn/an/aMCAG14Modular instantaneous overcurrent relay.ANn/an/aMCAG31Modular instantaneous overcurrent relay.ANn/an/aMCAG34Modular instantaneous overcurrent relay.ANn/an/aMCAG39Modular instantaneous overcurrent relay.ANn/an/aMCAG39Modular instantaneous overcurrent relay.ANn/an/aMCAG39Modular instantaneous overcurrent relay.ANn/an/aMCAG39Modular instantaneous relay with negligibleANn/an/aM</td> <td>7SS2Distributed Busbar/Circuit Breaker Failure18/12/2000MiCOM SERIES CASEHousing system for the MiCOM range of protection and control equipmentAN52117/04/2001NSD70DDigital TeleprotectionAN53103/04/2001GCM05DC Intertrip RelayAN54117/04/2001DFF Series 1000Digital Frequency RelayAN55224/10/2001SEL 321-2Phase and Ground Distance Protection RelayAN57101/06/2002MCAA11Modular general purpose current operated auxiliary relay.ANn/a24/10/1984MCAA13Modular general purpose current operated auxiliary relay.ANn/a24/10/1984MCAG11Modular instantaneous overcurrent relay.ANn/a20/03/1985MCAG12Modular instantaneous overcurrent relay.ANn/a20/03/1985MCAG14Modular instantaneous overcurrent relay.ANn/a20/03/1985MCAG14Modular instantaneous overcurrent relay.ANn/a11/07/1984MCAG31Modular instantaneous overcurrent relay.ANn/a20/03/1985MCAG34Modular instantaneous overcurrent relay.ANn/a20/03/1985MCAG34Modular instantaneous overcurrent relay.ANn/a20/03/1985MCAG34Modular instantaneous overcurrent relay.ANn/a20/03/1985MCAG34Modular instantaneous overcurrent relay.ANn/a20/03/1985MCAG34<td>7SS2Distributed BusparCircuit Breaker Pailure1118/12/2000MICOM SERIES CASEHousing system for the MICOM range of protection and control equipmentAN52117/04/2001NSD70DDigital TeleprotectionAN53103/04/2001GCM05DC Intertrip RelayAN55224/10/2001DFF Series 1000Digital Frequency RelayAN55224/10/2001SEL 321-2Phase and Ground Distance Protection RelayAN57101/06/2002MCAA11Modular general purpose current operated auxiliary relay.AN1/a2/10/1984MCAG11Modular instantaneous overcurrent relay.ANn/a2/003/1985MCAG14Modular instantaneous overcurrent relay.ANn/a120/03/1985MCAG14Modular instantaneous overcurrent relay.ANn/an/a20/03/1985MCAG14Modular instantaneous overcurrent relay.ANn/an/a20/03/1985MCAG14Modular instantaneous overcurrent relay.ANn/an/a20/03/1985MCAG31Modular instantaneous overcurrent relay.ANn/an/a20/03/1985MCAG34Modular instantaneous overcurrent relay.ANn/an/a20/03/1985MCAG34Modular instantaneous overcurrent relay.ANn/an/a20/03/1985MCAG34Modular instantaneous overcurrent relay.ANn/an/a20/03/1985MCAG34Modular instantaneo</td><td>TSS2Distributed Busbar/Criter Hersker Fahure ProtectionImage of ANImage of S2Image of ANImage of ANImage of ANImage of<</br></br></br></br></br></br></br></br></br></br></br></br></br></br></td><td>7 SS22Minimute Businal/Group Breaker Failure1118/12/200018/12/2000111</td></td> | 7SS52Distributed Busbar/Circuit Breaker Failure ProtectionAN521MICOM SERIES CASE protection and control equipmentAN531NSD70DDigital TeleprotectionAN531GCM05DC Intertrip RelayAN541DFF Series 1000Digital Trequency RelayAN552SEL 321-2Phase and Ground Distance Protection RelayAN571MCAA11Modular general purpose current operated auxiliary relay.ANn/an/aMCAG11Modular instantaneous overcurrent relay.ANn/an/aMCAG12Modular instantaneous overcurrent relay.ANn/an/aMCAG14Modular instantaneous overcurrent relay.ANn/an/aMCAG14Modular instantaneous overcurrent relay.ANn/an/aMCAG14Modular instantaneous overcurrent relay.ANn/an/aMCAG14Modular instantaneous overcurrent relay.ANn/an/aMCAG31Modular instantaneous overcurrent relay.ANn/an/aMCAG34Modular instantaneous overcurrent relay.ANn/an/aMCAG39Modular instantaneous overcurrent relay.ANn/an/aMCAG39Modular instantaneous overcurrent relay.ANn/an/aMCAG39Modular instantaneous overcurrent relay.ANn/an/aMCAG39Modular instantaneous relay with negligibleANn/an/aM | 7SS2Distributed Busbar/Circuit Breaker Failure18/12/2000MiCOM SERIES CASEHousing system for the MiCOM range of protection and control equipmentAN52117/04/2001NSD70DDigital TeleprotectionAN53103/04/2001GCM05DC Intertrip RelayAN54117/04/2001DFF Series 1000Digital Frequency RelayAN55224/10/2001SEL 321-2Phase and Ground Distance Protection RelayAN57101/06/2002MCAA11Modular general purpose current operated auxiliary relay.ANn/a24/10/1984MCAA13Modular general purpose current operated auxiliary relay.ANn/a24/10/1984MCAG11Modular instantaneous 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overcurrent relay.ANn/a2/003/1985MCAG14Modular instantaneous overcurrent relay.ANn/a120/03/1985MCAG14Modular instantaneous overcurrent relay.ANn/an/a20/03/1985MCAG14Modular instantaneous overcurrent relay.ANn/an/a20/03/1985MCAG14Modular instantaneous overcurrent relay.ANn/an/a20/03/1985MCAG31Modular instantaneous overcurrent relay.ANn/an/a20/03/1985MCAG34Modular instantaneous overcurrent relay.ANn/an/a20/03/1985MCAG34Modular instantaneous overcurrent relay.ANn/an/a20/03/1985MCAG34Modular instantaneous overcurrent relay.ANn/an/a20/03/1985MCAG34Modular instantaneo</td> <td>TSS2Distributed Busbar/Criter Hersker Fahure ProtectionImage of ANImage of S2Image of ANImage of ANImage of ANImage of<</br></br></br></br></br></br></br></br></br></br></br></br></br></br></td> <td>7 SS22Minimute Businal/Group Breaker Failure1118/12/200018/12/2000111</td> | 7SS2Distributed BusparCircuit Breaker Pailure1118/12/2000MICOM SERIES CASEHousing system for the MICOM range of protection and control 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SS22Minimute Businal/Group Breaker Failure1118/12/200018/12/2000111 |

| | Manufacturer product | | Type of | | | Assessment | | | Limitatio | |
|------------------|----------------------|---|-----------------------|--------|-------|------------|------------------|------------------|--------------|---|
| Manufacturer | reference | Functional description | Type of Assessment | Number | Issue | date | Software Version | Hardware Version | ns Yes/No | Notes |
| AREVA T&D UK LTD | CDG12 | Induction disc standby earth fault relay. | AN | n/a | n/a | 13/04/1956 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | CDG13 | Very inverse induction disc overcurrent or earth fault relay (1 pole). | AN | n/a | n/a | 30/07/1965 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | CDG14 | Extremely inverse induction disc overcurrent or earth fault relay (1 pole). | AN | n/a | n/a | 30/07/1965 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | CDG16 | Induction disc overcurrent or earth fault relay (1 pole). | AN | n/a | n/a | 14/03/1968 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | CDG31 | 3 pole version of CDG11. | AN | n/a | n/a | 13/05/1953 | | | | Approval notices are no longer maitained and are for information |
| AREVA T&D UK LTD | CDG33 | 3 pole version of CDG13. | AN | n/a | n/a | 30/07/1965 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | CDG34 | 3 pole version of CDG14. | AN | n/a | n/a | 30/07/1965 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | CDG36 | 3 pole version of CDG16. | AN | n/a | n/a | 14/03/1968 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | CG4 | Blocking circuits(s) unit. | AN | n/a | n/a | 23/09/1968 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | DBA4 | Permanent magnet moving coil relay. | AN | n/a | n/a | 25/03/1971 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | DBAE4 | Rotor earth fault relay. | AN | n/a | n/a | 25/07/1983 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | DBB4 | Permanent magnet moving coil relay. | AN | n/a | n/a | 18/08/1971 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | HO4 | Biased differential feeder protection using private pilots. | AN | n/a | n/a | 26/06/1970 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | L SERIES CASE | Electronic equipment case for 'L' series relays. | AN | n/a | n/a | 04/01/1991 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | M3 | Modular case for electronic assemblies. | AN | n/a | n/a | 21/01/1971 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MFAC14 | Modular high impedance differential protection. | AN | n/a | n/a | 24/05/1984 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MIDOS SERIES CASE | Discrete modular housing for protection equipment. | AN | n/a | n/a | 15/06/1982 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MITZ 01 | Communication interface unit. Fibre optic to G703. | AN | n/a | n/a | 04/01/1991 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MMLB01, MMLB02 | Multi finger test Plug and single finger test plug respectively. | AN | n/a | n/a | 13/08/1984 | | | | Approval notices are no longer maitained and are for information only |

| Мари | Manufacturer product | | Turs of | | | Accomment | | | Limitatio | |
|------------------|----------------------|---|-----------------------|--------|-------|--------------------|------------------|------------------|--------------|---|
| Manufacturer | reference | Functional description | Type of Assessment | Number | Issue | Assessment date | Software Version | Hardware Version | ns Yes/No | Notes |
| AREVA T&D UK LTD | MMLG | Test Socket. | AN | n/a | n/a | 13/08/1984 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAA11 | Modular general purpose voltage operated auxiliary relay. | AN | n/a | n/a | 24/10/1984 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAA12 | Modular general purpose voltage operated auxiliary relay. | AN | n/a | n/a | 24/10/1984 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAA13 | Modular general purpose voltage operated auxiliary relay. | AN | n/a | n/a | 24/10/1984 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAA14 | Modular general purpose voltage operated auxiliary relay. | AN | n/a | n/a | 24/10/1984 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAA15 | Modular general purpose voltage operated auxiliary relay. | AN | n/a | n/a | 24/10/1984 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAA16 | Modular auxiliary relay suitable for carrier send and carrier receive interface applications for distance protection. | AN | n/a | n/a | 04/09/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAG11 | Instantaneous undervoltage relay. | AN | n/a | n/a | 26/02/1988 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAG12 | Instantaneous undervoltage relay. | AN | n/a | n/a | 26/02/1988 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAG13 | Instantaneous undervoltage relay. | AN | n/a | n/a | 26/02/1988 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAG14 | Instantaneous undervoltage relay. | AN | n/a | n/a | 26/02/1988 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAG15 | Instantaneous overvoltage relay. | AN | n/a | n/a | 26/02/1988 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAG16 | Instantaneous overvoltage relay. | AN | n/a | n/a | 26/02/1988 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAG17 | Instantaneous overvoltage relay. | AN | n/a | n/a | 26/02/1988 | | | | Approval notices are no longer maitained and are for information |
| AREVA T&D UK LTD | MVAG18 | Instantaneous overvoltage relay. | AN | n/a | n/a | 26/02/1988 | | | | only Approval notices are no longer maitained and are for information |
| AREVA T&D UK LTD | MVAG31 | Instantaneous under voltage relay. | AN | n/a | n/a | 26/02/1988 | | | | only Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAG35 | Instantaneous overvoltage relay. | AN | n/a | n/a | 26/02/1988 | | | | Approval notices are no longer maitained and are for information |
| AREVA T&D UK LTD | MVAJ11 | Modular tripping relay. Self reset, low burden, economy cut-off. | AN | n/a | n/a | 12/08/1985 | | | | only Approval notices are no longer maitained and are for information |
| AREVA T&D UK LTD | MVAJ13 | Modular tripping relay. Hand reset, low burden, instantaneous cut-off. | AN | n/a | n/a | 12/08/1985 | | | | only Approval notices are no longer maitained and are for information only |

| м | Manufacturer product | | Type of | | | . Assessment | | | Limitatio | |
|------------------|----------------------|--|-----------------------|--------|-------|--------------|------------------|------------------|--------------|---|
| Manufacturer | reference | Functional description | Type of Assessment | Number | Issue | date | Software Version | Hardware Version | ns Yes/No | Notes |
| AREVA T&D UK LTD | MVAJ14 | Modular tripping relay. Electrically reset, low burden, instantaneous cut-off. | AN | n/a | n/a | 12/08/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ15 | Modular tripping relay. Electrically/hand reset, low burden instantaneous cut-off. | AN | n/a | n/a | 12/08/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ17 | Modular tripping relay. Self reset, very low burden, ecomony cut-off. | AN | n/a | n/a | 15/12/1987 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ21 | Modular tripping relay. Self reset, high burden, ecomony cut-off. | AN | n/a | n/a | 12/08/1985 | | | | Approval notices are no longer maitained and are for information |
| AREVA T&D UK LTD | MVAJ23 | Modular tripping relay. Hand reset, high burden, instantaneous cut-off. | AN | n/a | n/a | 12/08/1985 | | | | Approval notices are no longer maitained and are for information |
| AREVA T&D UK LTD | MVAJ24 | Modular tripping relay. Electrically reset, high burden instantaneous cut-off. | AN | n/a | n/a | 12/08/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ25 | Modular tripping relay. Electrically/hand reset, high burden instantaneous cut-off. | AN | n/a | n/a | 12/08/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ26 | Modular tripping relay. Self reset after 2 seconds, high burden, economy cut-off. | AN | n/a | n/a | 15/12/1987 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ27 | Modular tripping relay. Hand reset, high burden, time delay cut-off. | AN | n/a | n/a | 12/08/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ28 | Modular tripping relay. Electrically reset, high burden, time delay cut-off. | AN | n/a | n/a | 12/08/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ29 | Modular tripping relay. Electrically/hand reset, high burden, time delay cut-off. | AN | n/a | n/a | 12/08/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ34 | Modular control relay. Electrically reset, instantaneous cut-off. | AN | n/a | n/a | 12/08/1985 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ41 | Modular tripping relay. Self reset, low burden, economy cut-off. | AN | n/a | n/a | 04/05/1989 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ43 | Modular tripping relay. Hand reset, low burden, instantaneous cut-off. | AN | n/a | n/a | 04/05/1989 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ44 | Modular tripping relay. Electrically reset, low burden instantaneous cut-off. | AN | n/a | n/a | 04/05/1989 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ45 | Modular tripping relay. Electrically/hand reset, low burden, instantaneous cut-off. | AN | n/a | n/a | 04/05/1989 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ51 | Modular tripping relay. Self reset, high burden, economy cut-off. | AN | n/a | n/a | 04/05/1989 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ53 | Modular tripping relay. Hand reset, high burden, instantaneous cut-off. | AN | n/a | n/a | 04/05/1989 | | | | Approval notices are no longer maitained and are for information only |
| AREVA T&D UK LTD | MVAJ54 | Modular tripping relay. Electrically reset, high burden, instantaneous cut-off. | AN | n/a | n/a | 04/05/1989 | | | | Approval notices are no longer maitained and are for information only |