

# Protector accessories

## Accessories



### ESP Remote display unit

Use with: ESP M1R, M2R and M4R

| Part no.       | ABB Order Code  | Description  |
|----------------|-----------------|--|
| ESP RDU/415M1R | 7TCA085460R0151 | Remote LED display for 3 phase 415 V M1R protector |
| ESP RDU/415M2R | 7TCA085460R0152 | Remote LED display for 3 phase 415 V M2R protector |
| ESP RDU/415M4R | 7TCA085460R0334 | Remote LED display for 3 phase 415 V M4R protector |
| ESP RDU/480M1R | 7TCA085460R0296 | Remote LED display for 3 phase 480 V M1R protector |
| ESP RDU/480M2R | 7TCA085400R0281 | Remote LED display for 3 phase 480 V M2R protector |
| ESP RDU/480M4R | 7TCA085400R0239 | Remote LED display for 3 phase 480 V M4R protector |
| ESP RDU-SEAL   | 7TCA085460R0150 | IP64 rated seal for remote displays                |



### ESP Remote display unit

Use with: ESP D1R variants

| Part no.            | ABB Order Code  | Description  |
|---------------------|-----------------|--|
| ESP RDU D1R/208     | 7TCA085400R0282 | Remote LED display for 3 phase 208 V D1R protector |
| ESP RDU D1R/415     | 7TCA085460R0055 | Remote LED display for 3 phase 415 V D1R protector |
| ESP RDU D1R/480     | 7TCA085400R0283 | Remote LED display for 3 phase 480 V D1R protector |
| ESP RDU D1R/LCD/208 | 7TCA085400R0282 | Remote LCD display for 3 phase 208 V D1R protector |
| ESP RDU D1R/LCD/415 | 7TCA085460R0055 | Remote LCD display for 3 phase 415 V D1R protector |
| ESP RDU D1R/LCD/480 | 7TCA085400R0283 | Remote LCD display for 3 phase 480 V D1R protector |

### Cable assembly

Use to: Connect display units to suitable three phase protectors

| Part no.     | ABB Order Code  | Description   | Length |
|--------------|-----------------|---|--------|
| ESP RLA-1    | 7TCA085460R0153 | Cable assembly for connecting ESP Remote Display Unit to ESP M1R, M2R and M4R series                | 1 m    |
| ESP RLA-2    | 7TCA085460R0154 | Cable assembly for connecting ESP Remote Display Unit to ESP M1R, M2R and M4R series                | 2 m    |
| ESP RLA-4    | 7TCA085460R0155 | Cable assembly for connecting ESP Remote Display Unit to ESP M1R, M2R and M4R series                | 4 m    |
| ESP RLA HD-1 | 7TCA085460R0304 | Cable assembly for connecting display unit to three phase ESP XXX D1R or ESP XXX D1R/LCD protectors | 1 m    |
| ESP RLA HD-2 | 7TCA085460R0305 | Cable assembly for connecting display unit to three phase ESP XXX D1R or ESP XXX D1R/LCD protectors | 2 m    |
| ESP RLA HD-4 | 7TCA085460R0156 | Cable assembly for connecting display unit to three phase ESP XXX D1R or ESP XXX D1R/LCD protectors | 4 m    |

### Cable assembly

Use with: ESP ISDN/RJ45-\*/8 or ESP Cat-5e or ESP Cat-6 protector range

| Part no.        | ABB Order Code  | Description  | Length |
|-----------------|-----------------|--|--------|
| ESP CAT5e/UTP-1 | 7TCA085400R0026 | Cable assembly for ESP Cat-5e with unshielded RJ45 connections | 1 m    |
| ESP CAT6/STP-2  | 7TCA085400R0231 | Cable assembly for ESP Cat-6 with shielded RJ45 connections    | 2 m    |

Cable assembly with RJ45 connections for the ESP ISDN/RJ45-4/8 or ESP ISDN/RJ45-8/8 plug-in ISDN protectors for use if the standard 0.5 m cable is insufficient





**Slim Line replacement base**

**Replacement:** Base for the Slim Line Series of protectors

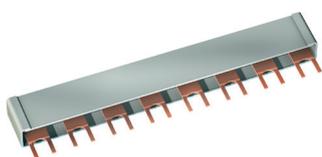
| Part no.                                    | ABB Order Code  | Description   |
|---|-----------------|---|
| <b>Slim Line protector replacement base</b> |                 |   |
| ESP SL/B                                    | 7TCA085400R0194 | For use with standard and 4-20 mA Slim Line Series                              |
| ESP SL/I/B                                  | 7TCA085400R0261 | Isolated screen version for use with standard and 4-20 mA Slim Line Series      |
| ESP SLX/B                                   | 7TCA085400R0242 | For use with Slim Line Intrinsically Safe (ATEX) Series                         |
| ESP SLX/I/B                                 | 7TCA085400R0285 | Isolated screen version for use with Slim Line Intrinsically Safe (ATEX) Series |
| ESP SL/3W/B                                 | 7TCA085400R0260 | For use with Slim Line 3-wire Series  |
| ESP SL RTD/B                                | 7TCA085400R0263 | For use with Slim Line RTD Series   |
| ESP SL RS485/B                              | 7TCA085400R0262 | For use with Slim Line RS485 Series   |



**Slim Line replacement module**

**Replacement:** Module for the Slim Line Series of protectors

| Part no.  | ABB Order Code  | Description   |
|---|-----------------|---|
| <b>Slim Line protector replacement module</b>     |                 |   |
| ESP SL06/M  | 7TCA085400R0243 | For use with Slim Line Series - 6 V                               |
| ESP SL15/M  | 7TCA085400R0249 | For use with Slim Line Series - 15 V                              |
| ESP SL30/M  | 7TCA085400R0197 | For use with Slim Line Series - 30 V                              |
| ESP SL50/M  | 7TCA085400R0254 | For use with Slim Line Series - 50 V                              |
| ESP SL110/M                                       | 7TCA085400R0245 | For use with Slim Line Series - 110 V                             |
| ESP SLTN/M  | 7TCA085400R0241 | For use with Slim Line TN Series                                  |
| ESP SL15X/M                                       | 7TCA085400R0250 | For use with Slim Line Intrinsically Safe (ATEX) Series, 15 V     |
| ESP SL30X/M                                       | 7TCA085400R0252 | For use with Slim Line Intrinsically Safe (ATEX) Series, 30 V     |
| ESP SLRTD/M                                       | 7TCA085400R0258 | For use with Slim Line RTD Series                                 |
| ESP SLRS485/M                                     | 7TCA085400R0259 | For use with Slim Line RS485 Series                               |
| <b>Slim Line LED protector replacement module</b> |                 |   |
| ESP SL06L/M                                       | 7TCA085400R0240 | For use with Slim Line LED Series - 6 V                           |
| ESP SL15L/M                                       | 7TCA085400R0249 | For use with Slim Line LED Series - 15 V                          |
| ESP SL30L/M                                       | 7TCA085400R0199 | For use with Slim Line LED Series - 30 V                          |
| ESP SL50L/M                                       | 7TCA085400R0256 | For use with Slim Line LED Series - 50 V                          |
| ESP SL110L/M                                      | 7TCA085400R0248 | For use with Slim Line LED Series - 110 V                         |
| ESP SL30L/4-20/M                                  | 7TCA085400R0164 | For use with Slim Line LED Series, 4-20 mA                        |
| ESP SL15XL/M                                      | 7TCA085400R0257 | For use with Slim Line Intrinsically Safe (ATEX) LED Series, 15 V |
| ESP SL30XL/M                                      | 7TCA085400R0253 | For use with Slim Line Intrinsically Safe (ATEX) LED Series, 30 V |
| ESP SL06/3W/M                                     | 7TCA085400R0244 | For use with Slim Line 3-wire LED Series - 6 V                    |
| ESP SL15/3W/M                                     | 7TCA085400R0247 | For use with Slim Line 3-wire LED Series - 15 V                   |
| ESP SL30/3W/M                                     | 7TCA085400R0251 | For use with Slim Line 3-wire LED Series - 30 V                   |
| ESP SL50/3W/M                                     | 7TCA085400R0255 | For use with Slim Line 3-wire LED Series - 50 V                   |
| ESP SL110/3W/M                                    | 7TCA085400R0246 | For use with Slim Line 3-wire LED Series - 110 V                  |



**Connecting and earthing bar**

**Use with:** ESP WT protectors

| Part no. | ABB Order Code  | Description  |
|----------|-----------------|--|
| ESP CE7  | 7TCA085460R0032 | For use with 3 x ESP 690/12.5/WT for TN-C supplies |
| ESP CE9  | 7TCA085460R0033 | For use with 3 x ESP 690/25/WT for TN-C supplies   |
| ESP CE10 | 7TCA085460R0030 | For use with 4 x ESP 690/12.5/WT for TN-S supplies |
| ESP CE13 | 7TCA085460R0031 | For use with 4 x ESP 690/25/WT for TN-S supplies   |



**ESP PTE002**

**Use to:** Test the ESP SSI/M protector

| Part no.        | ABB Order Code  | Description  |
|-----------------|-----------------|--|
| ESP PTE002      | 7TCA085400R0055 | SSI Portable Tester                                  |
| ESP PTE002/CASE | 7TCA085460R0054 | Spare carry case with strap, for use with ESP PTE002 |
| ESP PTE002/CAL  | 7TCA085410R0012 | Annual calibration service                           |

ESP PTE002 has Network Rail Approval PA05/02216. NRS PADS reference 094/020033. Annual calibration is required, which is processed as ESP PTE002/CAL and managed by ABB Service in Stonehouse UK.



**ESP RF mounting plates**

**Use with:** Any ESP RF protector to assist installation

| Part no.   | ABB Order Code  | Description                                    |
|------------|-----------------|--|
| ESP RF BK1 | 7TCA085450R0017 | Straight Mounting plate                        |
| ESP RF BK2 | 7TCA085450R0018 | 90° Mounting plate                             |
| ESP RF BK3 | 7TCA085450R0020 | Bulkhead through mounting plate (single)       |
| ESP RF BK4 | 7TCA085450R0046 | Bulkhead through mounting plate (4 protectors) |



**ESP RF GDT-x**

**Replacement:** Gas Discharge Tubes for use with standard RF protectors

| Part no.     | ABB Order Code  | Description        | Voltage |
|--------------|-----------------|--------------------|---------|
| ESP RF GDT-1 | 7TCA085450R0019 | Gas Discharge Tube | 90 V    |
| ESP RF GDT-2 | 7TCA085450R0052 | Gas Discharge Tube | 150 V   |
| ESP RF GDT-3 | 7TCA085450R0053 | Gas Discharge Tube | 230 V   |
| ESP RF GDT-4 | 7TCA085450R0054 | Gas Discharge Tube | 350 V   |
| ESP RF GDT-5 | 7TCA085450R0055 | Gas Discharge Tube | 470 V   |
| ESP RF GDT-6 | 7TCA085450R0056 | Gas Discharge Tube | 600 V   |

| Part no.     | ABB Order Code  | Description        | GDT Voltage |
|--------------|-----------------|--------------------|-------------|
| ESP RF GDT-A | 7TCA085450R0029 | Gas Discharge Tube | 600 V       |

Replacement Gas Discharge Tube for use with the ESP RF 111A11, ESP RF AA1A11 and ESP RF 441A11 high performance RD protectors